

## INDEX TO VOLUME 28

### Author Index

Abadi, Jacobo, 309  
 Aboulker, Jean-Pierre, 901  
 Abrams, Donald L., 4  
 Adams, Donna L., 514  
 Adda, N., 1184  
 Aerts, Jean, 142  
 Agence National de Recherche du SIDA 023 Study Group, the, 901  
 Agger, William A., 1249  
 Agmon, Vered, 822  
 Albrecht, Helmut, 1286  
 Aldrey, J. M., 1171  
 Alix, Antonio, 1334  
 Alpers, Michael, 219  
 Al Tahan, Abdel-Rahman, 399  
 Alves, Sydney H., 144  
 Amar, Salomon, 431  
 Ammassari, Adriana, 624  
 Ampel, Neil M., 1273  
 Anderson, Deborah J., 1252  
 Anderson, Ellen, 634  
 Andersson, Jan, 1036  
 Andrew, John H., 1156  
 Aneziokoro, Anezi, 687  
 Anguera, Ignasi, 685  
 Anhalt, John P., 1002  
 Ansari, F. Hejjat, 930  
 ANSORP Study Group, the, 1213  
 Antinori, Andrea, 624  
 Anzueto, Antonio, 1344  
 Appelbaum, Peter C., 1213  
 Aquino, Valério R., 1337  
 Arend, Sandra M., 247  
 Arisoy, E. Sami, 778  
 Ariza, Javier, 1104  
 Arlet, Guillaume, 1172  
 Armstrong, Wendy S., 341  
 Arroliga, Alejandro C., 240  
 Arruda, Erico A. G., 1008  
 Ashkenazi, Shai, 822  
 Astagneau, Pascal, 411  
 Aswapeeke, Nalinee, 1213  
 Atkinson, Gill, 587  
 Atmar, R. L., 1182  
 Au, Wai Fan, 1165  
 Augenbraun, Michael H., S21  
 Authier, François-Jérôme, 678  
 Avery, Robin K., 240  
 Avšič-Županc, T., 860  
 Babinchak, Timothy J., 1219  
 Babl, Franz E., 1181  
 Baddour, Larry M., 1333  
 Baffroy-Lafitte, Laurence, 322  
 Bajorath, Jürgen, 497  
 Baker, Catherine A., 352  
 Balestra, Giacomo, 33  
 Ballarini, Paolo, 866  
 Ballet-Mechain, M., 404  
 Baltimore, Robert S., 395  
 Bamberger, David M., 915, 1049  
 Barat, Lawrence, 1166  
 Barbabietola, Giuliana, 250  
 Bardenheier, Barbara, 1230  
 Baril, Laurence, 411  
 Barile, A. J., 151  
 Barnes, Peter F., 1290  
 Barnes, Robert, 160  
 Barone, Antonio A., 1008  
 Barron, Richard L., 1342  
 Bartlett, John G., 941  
 Bartlett, Robert H., 828  
 Barton, Leslie L., 1343  
 Barza, Michael, 256  
 Basgoz, Nesli, 634  
 Basri, Hasan, 74  
 Bastian, Ivan, 1168  
 Batlle, Jordi, 685  
 Bauer, Madeline, 82  
 Bauernfeind, A., 1338  
 Baumgärtner, Wolfgang, 988  
 Beck-Sagué, Consuelo M., S74  
 Behets, F. M.-T., 1086  
 Belanger, François, 575  
 Belec, Laurent, 142, 678  
 Benjavongkulchai, Maneerat, 1100  
 Bennett, John E., 629  
 Benveniste, Olivier, 1180  
 Beran, J., 1260  
 Berenson, Gerald S., 279  
 Berman, Jonathan D., 49  
 Berman, Josh, 74  
 Berman, Stephen, 188  
 Bernard, Alain, 1012  
 Bernard-Pomier, Ghislaine, 1012  
 Bertrand, Jean-Claude, 1315  
 Bessesen, Mary, 1032  
 Beutner, Karl R., S37  
 Bibashi, Evangelia, 696  
 Biendl, Ulrich, 794  
 Björkholm, Britta, 1307  
 Black, John R., 1049  
 Black, Robert, 189  
 Blackwood, Bronwyn L., 966  
 Blair, Janis E., 1336  
 Blümli, Andreas, 641  
 Bobin, S., 404  
 Boczany, Barbara, 1109  
 Bochme, V., 1338  
 Boletis, John N., 1310  
 Bonnet, Eric, 1330  
 Bonora, S., 939  
 Borges, Aercio S., 154  
 Borja, Javier, 404  
 Boros, Stefano, 866  
 Boschin, Antonio, 866  
 Bosso, John A., 1017  
 Boswell, Stephen, 1252  
 Bouhour, D., 404  
 Boulian, Nicole, 840  
 Bow, Eric J., 331  
 Bowden, Francis J., 1168  
 Boyce, Thomas G., 1328  
 Bradley, John S., 117  
 Braitman, David, 74  
 Bratel, Tomas, 1036  
 Brathwaite, A. R., 1086  
 Breitmayer, Jean-Philippe, 1012  
 Brennan, Kevin J., 686  
 Brennan, Muireann, 1230  
 Bricaire, François, 679  
 Briggiler, Ana Maria, 1091  
 Bromberg, Kenneth, 117  
 Brook, Itzhak, 928  
 Brown, Barbara A., 144  
 Brown, Justin C., 1177  
 Brun-Vézinet, Françoise, 901  
 Bryla, Dolores A., 552  
 Bryson, Yvonne, 1109  
 Bucaneve, Giampaolo, 250  
 Bultink, Irene E. M., 1325  
 Burkett, Jeffrey S., 828  
 Burman, William J., 419  
 Burstein, Gale R., S66  
 Buskin, Susan E., 1095  
 Buss, N., 403  
 Butler, Jay C., 730  
 Cabellos, Carmen, 1104  
 Cabezas, Cesar, 67  
 Caeiro, Pablo, Juan, 1286  
 Cailloux, N., 691  
 Caiocco, Alessandro, 250  
 Calampa, Carlos, 67  
 Calza, Leonardo, 692  
 Camin, Anne-Marie, 150  
 Campbell, Lee Ann, 162, 993  
 Campbell, Wayne, 1294  
 Canadian Fluconazole Prophylaxis Study Group, The, 331  
 Canadian Streptococcal Study Group, The, 800  
 Candia, Guillermo J., 1323  
 Carapetis, Jonathan R., 205  
 Carey, Marjorie, 785  
 Cariani, Elisabetta, 141  
 Carles, Gabriel, 637  
 Carlini, M. E., 1182  
 Carmeli, Yehuda, 1128  
 Caroyer, Jean-Marc, 931  
 Carr, Danielle, 331  
 Carrat, Fabrice, 283  
 Carrière, Isabelle, 901  
 Carroll, Karen, 1244  
 Carson, Paul J., 1183  
 Carter, Jenny, 1168  
 Casalta, Jean-Paul, 694  
 Castañeda, Elizabeth, 1431  
 Castro, Jose G., 681  
 Catanzaro, Antonino, 1273  
 Cauda, R., 936  
 Caumes, Eric, 679  
 Cazorla, C., 156  
 Cegielski, J. Peter, 314  
 Cerny, Andreas, 933  
 Cetron, Martin S., 39, 730  
 Chakraborti, Anuradha, 1178  
 Champlin, R., 618  
 Chandler, Laura J., 67  
 Chandrasekar, P. H., 687  
 Chandrasekaran, Vasanthi, 922  
 Chaowagul, Wipada, 1328  
 Chastang, Claude, 322  
 Chen, C.-Y., 1086  
 Chenoweth, Carol E., 828  
 Chernoff, David, 541  
 Cherrington, Julie, 528  
 Cherry, James D., S107, S112, 560, 602  
 Chesney, P. Joan, 898  
 Cheung, May May, 1165  
 Chevret, Sylvie, 758  
 Chevrier, Sylviane, 150  
 Chiao, Elizabeth Y., 740  
 Childs, James E., 853  
 Chioldo, Francesco, 692  
 Chiu, Cheng-Hsun, 1174, 1213  
 Chockalingam, Mira, 1062  
 Chomchey, Pranee, 1100  
 Chong, Lai Yin, 1165  
 Chongsuphajaisiddhi, Tan, 808  
 Chongthaleong, Anan, 1213  
 Choo, Keng E., 582  
 Christenson, Peter, 602  
 Christensson, Birger, 1036  
 Chu, Lianrui, 442  
 Ciceroni, Lorenzo, 33  
 Cingolani, Antonella, 624  
 Clark, Nina M., 1169  
 Clement, J., 834  
 Clifford, David B., 1152  
 Cloud, Gretchen A., 291, 1049  
 Coffrancesco, Joseph, 919  
 Cohen, Myron S., 1086, 1177  
 Cohn, David L., 1080  
 Coleman, Rebecca L., 4  
 Collander, Fredrika, 1331  
 Collazos, Julio, 1342  
 Collette, L., 1071  
 Colson, P., 834  
 Concia, E., 939  
 Condreay, Lynn, 1032  
 Conn, Laura A., 401

## INDEX TO VOLUME 28

### Author Index

Abadi, Jacobo, 309  
 Aboulker, Jean-Pierre, 901  
 Abrams, Donald L., 4  
 Adams, Donna L., 514  
 Adda, N., 1184  
 Aerts, Jean, 142  
 Agence National de Recherche du SIDA 023 Study Group, the, 901  
 Agger, William A., 1249  
 Agmon, Vered, 822  
 Albrecht, Helmut, 1286  
 Aldrey, J. M., 1171  
 Alix, Antonio, 1334  
 Alpers, Michael, 219  
 Al Tahan, Abdel-Rahman, 399  
 Alves, Sydney H., 144  
 Amar, Salomon, 431  
 Ammassari, Adriana, 624  
 Ampel, Neil M., 1273  
 Anderson, Deborah J., 1252  
 Anderson, Ellen, 634  
 Andersson, Jan, 1036  
 Andrew, John H., 1156  
 Aneziokoro, Anezi, 687  
 Anguera, Ignasi, 685  
 Anhalt, John P., 1002  
 Ansari, F. Hejjat, 930  
 ANSORP Study Group, the, 1213  
 Antinori, Andrea, 624  
 Anzueto, Antonio, 1344  
 Appelbaum, Peter C., 1213  
 Aquino, Valério R., 1337  
 Arend, Sandra M., 247  
 Arisoy, E. Sami, 778  
 Ariza, Javier, 1104  
 Arlet, Guillaume, 1172  
 Armstrong, Wendy S., 341  
 Arroliga, Alejandro C., 240  
 Arruda, Erico A. G., 1008  
 Ashkenazi, Shai, 822  
 Astagneau, Pascal, 411  
 Aswapeeke, Nalinee, 1213  
 Atkinson, Gill, 587  
 Atmar, R. L., 1182  
 Au, Wai Fan, 1165  
 Augenbraun, Michael H., S21  
 Authier, François-Jérôme, 678  
 Avery, Robin K., 240  
 Avšič-Županc, T., 860  
 Babinchak, Timothy J., 1219  
 Babl, Franz E., 1181  
 Baddour, Larry M., 1333  
 Baffroy-Lafitte, Laurence, 322  
 Bajorath, Jürgen, 497  
 Baker, Catherine A., 352  
 Balestra, Giacomo, 33  
 Ballarini, Paolo, 866  
 Ballet-Mechain, M., 404  
 Baltimore, Robert S., 395  
 Bamberger, David M., 915, 1049  
 Barat, Lawrence, 1166  
 Barbabietola, Giuliana, 250  
 Bardenheier, Barbara, 1230  
 Baril, Laurence, 411  
 Barile, A. J., 151  
 Barnes, Peter F., 1290  
 Barnes, Robert, 160  
 Barone, Antonio A., 1008  
 Barron, Richard L., 1342  
 Bartlett, John G., 941  
 Bartlett, Robert H., 828  
 Barton, Leslie L., 1343  
 Barza, Michael, 256  
 Basgoz, Nesli, 634  
 Basri, Hasan, 74  
 Bastian, Ivan, 1168  
 Batlle, Jordi, 685  
 Bauer, Madeline, 82  
 Bauernfeind, A., 1338  
 Baumgärtner, Wolfgang, 988  
 Beck-Sagué, Consuelo M., S74  
 Behets, F. M.-T., 1086  
 Belanger, François, 575  
 Belec, Laurent, 142, 678  
 Benjavongkulchai, Maneerat, 1100  
 Bennett, John E., 629  
 Benveniste, Olivier, 1180  
 Beran, J., 1260  
 Berenson, Gerald S., 279  
 Berman, Jonathan D., 49  
 Berman, Josh, 74  
 Berman, Stephen, 188  
 Bernard, Alain, 1012  
 Bernard-Pomier, Ghislaine, 1012  
 Bertrand, Jean-Claude, 1315  
 Bessesen, Mary, 1032  
 Beutner, Karl R., S37  
 Bibashi, Evangelia, 696  
 Biendl, Ulrich, 794  
 Björkholm, Britta, 1307  
 Black, John R., 1049  
 Black, Robert, 189  
 Blackwood, Bronwyn L., 966  
 Blair, Janis E., 1336  
 Blümli, Andreas, 641  
 Bobin, S., 404  
 Boczany, Barbara, 1109  
 Bochme, V., 1338  
 Boletis, John N., 1310  
 Bonnet, Eric, 1330  
 Bonora, S., 939  
 Borges, Aercio S., 154  
 Borja, Javier, 404  
 Boros, Stefano, 866  
 Boschin, Antonio, 866  
 Bosso, John A., 1017  
 Boswell, Stephen, 1252  
 Bouhour, D., 404  
 Boulian, Nicole, 840  
 Bow, Eric J., 331  
 Bowden, Francis J., 1168  
 Boyce, Thomas G., 1328  
 Bradley, John S., 117  
 Braitman, David, 74  
 Bratel, Tomas, 1036  
 Brathwaite, A. R., 1086  
 Breitmayer, Jean-Philippe, 1012  
 Brennan, Kevin J., 686  
 Brennan, Muireann, 1230  
 Bricaire, François, 679  
 Briggiler, Ana Maria, 1091  
 Bromberg, Kenneth, 117  
 Brook, Itzhak, 928  
 Brown, Barbara A., 144  
 Brown, Justin C., 1177  
 Brun-Vézinet, Françoise, 901  
 Bryla, Dolores A., 552  
 Bryson, Yvonne, 1109  
 Bucaneve, Giampaolo, 250  
 Bultink, Irene E. M., 1325  
 Burkett, Jeffrey S., 828  
 Burman, William J., 419  
 Burstein, Gale R., S66  
 Buskin, Susan E., 1095  
 Buss, N., 403  
 Butler, Jay C., 730  
 Cabellos, Carmen, 1104  
 Cabezas, Cesar, 67  
 Caeiro, Pablo, Juan, 1286  
 Cailloux, N., 691  
 Caiocco, Alessandro, 250  
 Calampa, Carlos, 67  
 Calza, Leonardo, 692  
 Camin, Anne-Marie, 150  
 Campbell, Lee Ann, 162, 993  
 Campbell, Wayne, 1294  
 Canadian Fluconazole Prophylaxis Study Group, The, 331  
 Canadian Streptococcal Study Group, The, 800  
 Candia, Guillermo J., 1323  
 Carapetis, Jonathan R., 205  
 Carey, Marjorie, 785  
 Cariani, Elisabetta, 141  
 Carles, Gabriel, 637  
 Carlini, M. E., 1182  
 Carmeli, Yehuda, 1128  
 Caroyer, Jean-Marc, 931  
 Carr, Danielle, 331  
 Carrat, Fabrice, 283  
 Carrière, Isabelle, 901  
 Carroll, Karen, 1244  
 Carson, Paul J., 1183  
 Carter, Jenny, 1168  
 Casalta, Jean-Paul, 694  
 Castañeda, Elizabeth, 1431  
 Castro, Jose G., 681  
 Catanzaro, Antonino, 1273  
 Cauda, R., 936  
 Caumes, Eric, 679  
 Cazorla, C., 156  
 Cegielski, J. Peter, 314  
 Cerny, Andreas, 933  
 Cetron, Martin S., 39, 730  
 Chakraborti, Anuradha, 1178  
 Champlin, R., 618  
 Chandler, Laura J., 67  
 Chandrasekar, P. H., 687  
 Chandrasekaran, Vasanthi, 922  
 Chaowagul, Wipada, 1328  
 Chastang, Claude, 322  
 Chen, C.-Y., 1086  
 Chenoweth, Carol E., 828  
 Chernoff, David, 541  
 Cherrington, Julie, 528  
 Cherry, James D., S107, S112, 560, 602  
 Chesney, P. Joan, 898  
 Cheung, May May, 1165  
 Chevret, Sylvie, 758  
 Chevrier, Sylviane, 150  
 Chiao, Elizabeth Y., 740  
 Childs, James E., 853  
 Chioldo, Francesco, 692  
 Chiu, Cheng-Hsun, 1174, 1213  
 Chockalingam, Mira, 1062  
 Chomchey, Pranee, 1100  
 Chong, Lai Yin, 1165  
 Chongsuphajaisiddhi, Tan, 808  
 Chongthaleong, Anan, 1213  
 Choo, Keng E., 582  
 Christenson, Peter, 602  
 Christensson, Birger, 1036  
 Chu, Lianrui, 442  
 Ciceroni, Lorenzo, 33  
 Cingolani, Antonella, 624  
 Clark, Nina M., 1169  
 Clement, J., 834  
 Clifford, David B., 1152  
 Cloud, Gretchen A., 291, 1049  
 Coffrancesco, Joseph, 919  
 Cohen, Myron S., 1086, 1177  
 Cohn, David L., 1080  
 Coleman, Rebecca L., 4  
 Collander, Fredrika, 1331  
 Collazos, Julio, 1342  
 Collette, L., 1071  
 Colson, P., 834  
 Concia, E., 939  
 Condreay, Lynn, 1032  
 Conn, Laura A., 401

Connor, Bradley A., 1223  
 Conway, Brian, 910  
 Cook, Robert L., 1002  
 Cook, Sandra, 785  
 Corbella, X., 916  
 Corcoran, Colleen, 634  
 Cordonnier, Catherine, 1172  
 Corey, G. Ralph, 106  
 Corral, L., 916  
 Correa, Armando G., 778  
 Corredoira, Juan, 1104  
 Corzo, Juan E., 911  
 Cosmatos, Dennis, 291  
 Costa, Jane M., 144  
 Costa, Silvia F., 1008  
 Costa-Cruz, Julia M., 154  
 Couch, Robert B., 548  
 Counillon, Evelyne, 1012  
 Courtois, H., 691  
 Covacci, Antonio, 937  
 Cox, Nancy, 541  
 Craig, Allen S., 93, 853  
 Craven, Donald E., 541  
 Cripps, Allan W., 189, 238  
 Cronin, John E., 1342  
 Crook, Derrick, 882  
 Cropp, Bruce C., 67  
 Culver, David H., 1119  
 Cunha, Burke A., 410  
 Cunningham, Mark D., 497  
 Curfs, Jo H. A. J., 1148  
 Curlin, Marcel E., 1166  
 Currie, Bart J., 205  
 Cushing, Herbert E., 161  
 Daha, Mohamed R., 98  
 Dahel, Lamia, 758  
 Dallabetta, G., 1086  
 Dallimore, Elizabeth A., 582  
 Damodaran, Chitra, 67  
 Danck, A., 152  
 Danis, Martin, 679  
 Dankert, Jacob, 98, 923  
 Dankner, Wayne, 1109  
 D'Aquila, Richard, 1252  
 Dargel, Araldo A., 1337  
 Darveau, Richard P., 497  
 Davidson, Michael, 1162  
 Davis, Timothy M. E., 582  
 Dayrit, Elvira SN., 195  
 De Carli, Gabriella, 365  
 Decazes, Jean-Marie, 758  
 Deeg, Mark A., 161  
 Deeks, Shelley, 840  
 de Gaetano Donati, K., 936  
 DeGirolami, Paola, 1128  
 de la Fuente-Fernández, R., 1171  
 Delage, Gilles, 1238  
 Delahousse, Michel, 1057  
 De Leener, Frédéric, 931  
 Del Favero, Albano, 250  
 Delforge, Marie-Luce, 931  
 Dellamonica, Pierre, 1012  
 De Luca, Andrea, 624

Demacker, Pierre N. M., 1148  
 Demeter, Andrea, 1327  
 Denning, David W., 587  
 DePasquale, Maria Pia, 1252  
 De Pauw, B., 1071  
 de Place, Christian, 150  
 Derkx, Bert, 770  
 Derouin, Francis, 322, 575  
 Déry, Pierre, 840, 1238  
 De Serres, Gaston, 840  
 Desplaces, Nicole, 142  
 Desrues, F., 924  
 de Vargas, Agueda C., 144  
 Devergne, Agnès, 322  
 de Vries, Anne, 808  
 Dhert, W. J. A., 157  
 Diamond, DeAnn M., 82  
 Diaz, Fernando G., 1206, 1342  
 Dickinson, Brian P., 1171  
 Didier, Peter J., 514  
 Dietzmann, Annett, 680  
 Di Pentima, M. Cecilia, 1281  
 Di Perri, Giovanni, 866, 939  
 Dismukes, William E., 291, 1049  
 Dolan, Stephen, 140  
 Donnenberg, Michael S., 451  
 Doran, Terence I., 384  
 Dore, Maria P., 938  
 Dorigo-Zetsma, J. Wendelen, 1325  
 Dotevall, Leif, 569  
 Douglas, John M., 537  
 Douglas, Robert M., 192, 235  
 Doval, J. C., 1171  
 Dowdy, Lorraine, 681  
 Doyen, C., 1071  
 Drucker, Moshe, 822  
 D'Souza, Rennie M., 189, 234  
 Dubé, Michael P., 136  
 Duclos, Philippe, 1238  
 Dumpis, Uga, 882  
 Dupon, M., 156  
 DuPont, Herbert L., 1286  
 Durand-Dubief, A., 404  
 Dutronc, H., 156  
 Duval, Bernard, 840  
 Duval, Xavier, 1057, 1180  
 Dworkin, Mark S., 1095  
 Dykstra, Brian J., 1273  
 Dyner, Toby, 4  
 Ebersole, Jeffrey L., 442  
 Ebright, John R., 687  
 Edelstein, Paul H., 39  
 Edwards, Jonathan R., 1119  
 Edwards, Morven S., 1281  
 Égile, Coumaran, 466  
 Elgh, F., 860  
 Elias, Ziyad, 1330  
 Ellis, Charles A., 256  
 El-Shiekh, Brenda A., 922  
 Elsner, Susanne, 927  
 El-Zaatari, Fouad A. K., 938  
 EMERGEency ID NET Study Group, 401  
 Emmons, W., 1322  
 Engels, Eric A., 256  
 Engstrand, Lars, 1307  
 Enroth, Helena, 1307  
 Ericsson, Charles D., 1286  
 Ernst, Edzard, 597  
 Ernst, Joel D., 791  
 Erwin, Paul C., 93  
 Espéró, Hélène, 322  
 Esquivel-Pedraza, Lilly, 892  
 Etienne, J., 404  
 European Pediatric Meningococcal Septic Shock Trial Study Group, the, 770  
 Eustachio, S., 409  
 Evans, Richard H., 1163  
 Evans, Susan G., 82  
 Everett, E. Dale, 140  
 Fabbri, Paola, 866  
 Facchini, Sergio, 898  
 Fairfax, Marilyn R., 687  
 Farber, Claire-Michèle, 931  
 Fein, Alan M., 726  
 Fenollar, Florence, 694  
 Fernández-Rial, A., 1171  
 Fernandez-Viladrach, P., 916  
 Ferreira, Marcelo S., 154  
 Ferri, Morena, 692  
 Fessel, W. Jeffrey, 291  
 Feuillade, Maria Rosa, 1091  
 Fichtenbaum, Carl J., 408, 1152  
 Fife, Kenneth, 537  
 Figueroa, J. P., 1086  
 Fijen, Cees A. P., 98  
 Fillet, Anne-Marie, 901  
 Finch, Evelyn, 1230  
 Firmin, Richard K., 686  
 Fischler, Björn, 537  
 Fisman, David N., 1340  
 Flaxman, Allen B., 1171  
 Fleer, A., 157  
 Flexman, James P., 1156  
 Fölsch, U. R., 1338  
 Fosse, T., 924  
 Fowler, Vance G., Jr., 106  
 Foy, Hjordis M., 189, 237  
 Fransen, Signe, 910  
 Frazier, Edith H., 928  
 Freedman, Andrew R., 1163  
 Frémaux, A., 155  
 Freymuth, François, 690  
 Fridkin, Scott K., 1119  
 Friedrich, Lawrence V., 1017  
 Fryauff, David J., 74  
 Fu, Wang, 1213  
 Fuller, Jon D., 541  
 Furlan, P., 860  
 Gadea, Ignacio, 1334  
 Gagliardi, J. P., 934  
 Gaido, Loretta, 314  
 Gallicano, Keith, 419  
 Gangaidzo, Innocent T., 1341  
 Gangloff, Sophie C., 491  
 Ganguly, Nirmal Kumar, 1178  
 Ganjar, Asep, 74  
 Gardner, Pierce, S131  
 Garrait, Valérie, 758  
 Gaviria, J. Milton, 160  
 Gaynes, Robert P., 1119  
 Gayowski, Timothy, 683  
 Geers, Teresa A., 1139  
 Gegner, Julie A., 476  
 Gelder, Colin M., 1163  
 Gelfand, Michael S., 1327  
 Genco, Caroline Attardo, 431, 456  
 George, Sarah L., 682  
 Gérard, Laurence, 901  
 Gerding, Dale N., 937  
 Gerhardt, Reid R., 93  
 Gersten, Merrill, 1109  
 Geslin, P., 155  
 Ghassemi, Majid, 1249  
 Gherardi, Romain K., 678  
 Ghоos, S., 834  
 Giamarellou, Helen, 1310  
 Giancola, Maria Letizia, 624  
 Gibson, Michael K., 919  
 Gillini, Laura, 624  
 GIMEMA Infection Program, the, 250  
 Giralt, S., 618  
 Girmenia, Corrado, 250, 1071  
 Glezen, W. Paul, 219  
 Gluckman, Eliane, 322, 690  
 Goldani, Luciano Z., 1337  
 Goldman, Mitchell, 1049  
 Goldoni, Paola, 33  
 Goldstein, Robert, 1252  
 Gómez-Mateos, Jesús M., 911  
 Gong, Jianhua, 1290  
 Gonzalez-Guevara, Martha, 892  
 Gordis, Fred M., 1080  
 Gordon, Steven M., 240, 1139  
 Gottlieb, Geoffrey S., 106  
 Goyert, Sanna M., 491  
 Grabman, James, 1162  
 Grady, Leo, 1294  
 Graham, David Y., 279, 938  
 Granat, Simo, 1331  
 Grandio, Danilla, 1156  
 Grangeot-Keros, Liliane, 575  
 Granger, Donald L., 1166  
 Graves, D. T., 482  
 Graybill, J. Richard, 291  
 Grayson, M. Lindsay, 895  
 Grayston, J. Thomas, 993  
 Greenberg, Richard N., 1160  
 Greve, Bernhard, 794  
 Grinspoon, Steven, 634  
 Grohskopf, Lisa A., 160  
 Grossman, Ronald F., 1344  
 Gubler, Duane J., 67  
 Gudiol, Francesc, 1104  
 Guého, Eveline, 150  
 Guerrant, Richard L., 966  
 Guerrero, Manuel Fernández,  
 1334

Guiguen, Claude, 150  
 Gurgui, M., 1043  
 Güris, Dalya, 1230  
 Gutierrez, M. C., 939  
 Gutsch, Heidi M., 1049  
 Haberbosch, Werner, 988  
 Habets, J. M. Werner, 145  
 Hacke, Werner, 148  
 Hafner, Richard, 291  
 Hagberg, Lars, 569  
 Hägglund, Hans, 562  
 Hakim, James G., 1341  
 Halasz, Robert, 537  
 Hall, A. J., 764  
 Hallander, Hans O., S99  
 Halperin, Scott A., 840, 995,  
     1238  
 Halsey, Neal A., 1091  
 Hamilton, Carol Dukes, 941  
 Hanna, Luke E., 1290  
 Hannington, A., 764  
 Harrell, Lizzie J., 106  
 Harrington, Robert D., 1095  
 Harris, Anthony, 1128  
 Harris, Eva, 1333  
 Harris, Mark, 189  
 Harrison, Lee H., 1091  
 Harte, Glenn J., 274  
 Harwood, Steven J., 1200  
 Haverstock, D., 299  
 Havlir, Diane V., 136  
 Hawkins, R., 1322  
 Hayes, Curtis G., 67  
 Haziot, Alain, 491  
 Hazra, Rohan, 123  
 Hecht, D., 618  
 Heeren, Timothy C., 541  
 Heininger, Ulrich, 602  
 Helioti, Helen, 1310  
 Hemachudha, Thiravat, 143  
**HEMOCO and SEROCO Study Groups, the**, 575  
 Hendley, J. O., 346  
 Hendricks, Amy, 1109  
 Heptonstall, Julia, 365  
 Heras, Magda, 685  
 Herbich, Klaus, 794  
 Herreras, Amadeo, 404  
 Herwaldt, Loreen A., 605, 611  
 Hewlett, Erik L., S94  
 Heyderman, Robert S., 1341  
 Hice, Christine L., 67  
 High, Kevin P., 708, 717, 746,  
     753  
 Hijiyama, Naoki, 491  
 Hillier, S. L., S57  
 Himelright, Inga M., 1333  
 Hinrichs, Steven H., 1175  
 Hirakata, Yoichi, 1213  
 Ho, Pak-Leung, 26  
 Hoffman, I., 1086  
 Hoffman, Jill A., 147  
 Hoff, Daniel F., 785  
 Hollis, Richard J., 605, 611  
 Hollis, Sally, 587  
 Holloway, William, 1025  
 Holmboe, E., 1322  
 Holt, Stanley C., 442  
 Holtom, Paul D., 82  
 Holtzer, Christopher, 528  
 Hood, Stephen V., 587  
 Horshburgh, C. R., Jr., 1080  
 Hospenthal, Duane R., 629  
 Houhou, Nadira, 901  
 Houssset, Bruno, 283  
 Howe, Gerald B., 1249  
 Hsieh, Stephanie, 1181  
 Huang, Cinnia, 1294  
 Hubbard, Jane, 634  
 Huff, Carol Ann, 919  
 Hulzebos, C. V., 1312  
 Hung, Guo-Long, 1200  
 Husson, Robert N., 123  
 Huycke, Mark M., 1333  
 Hwang, Lu-Yu, 1281  
 Hyde, Kristi Vander, 828  
 Hylton-Kong, T., 1086  
 Iborra, Christophe, 679  
 Ichiba, Shingo, 686  
 Ichiyama, Satoshi, 1213  
 Ihle, Walter, 52  
 Immergluck, Lilly Cheng, 159  
**Invasive Fungal Infection Group of the EORTC, the**, 1071  
 Ioannou, Stratis, 331  
 Ippoliti, C., 618  
 Ippolito, Giuseppe, 365  
 Isberg, Bengt, 1036  
 Ispahani, P., 873  
 Ives, David, 1032  
 Iwen, Peter C., 1175  
 Jacobs, Michael R., 1213  
 Jacobson, K., 618  
 Jacobson, Mark A., 528  
 Jacomet, C., 1184  
 Jadavji, Taj, 1238  
 Jagger, Janine, 365  
 Jaijaroensup, Wipaporn, 913  
 Jamal, Farida, 1213  
 Jantos, Christian A., 988  
 Janvresse, C., 691  
 Jarvis, William R., 401  
 Jelinek, Tomas, 641  
 Jenkins, David R., 686  
 Jenson, Hal B., 395  
 Joesoef, M. R., S57  
 Johnson, Philip C., 291  
 Johnson, Stuart, 937  
 Joiner, Keith A., 753  
 Jokiranta, T. Sakari, 1331  
 Jones, Timothy F., 93, 853  
 Jones, Trevor R., 74  
 Jongevos, S. Fridolijn, 145  
 Jorgensen, Anders F., 314  
 Jousimies-Somer, Hannele, 1159  
 Jung, Denna, 1109  
 Kaewchompoo, Wilaiwan, 1100  
 Kagawa, Frank T., 1273  
 Kain, Kevin C., 847  
 Kalfon, P., 930  
 Kallen, A. J., 151  
 Kalmadi, Sujith, 240  
 Kam, Kai Man, 1165  
 Kanegane, Chiharu, 906  
 Kanegane, Hirokazu, 906  
 Kaplan, Edward L., 205  
 Kaplan, Sheldon L., 778  
 Kapš, R., 860  
 Karabatos, Nick, 67  
 Karaffa, Camille A., 922  
 Karp, Christopher L., 947  
 Kartalija, Marinka, 701  
 Katz, Joel T., 341  
 Kauffman, Carol A., 1049  
 Kaul, Rupert, 800  
 Kauma, Heikki, 1159  
 Kazanjian, Powel H., 341  
 Keitel, Wendy A., S118  
 Kemp, Brian, 785  
 Kemp, David J., 1168  
 Kemper, Carol A., 136  
 Kerleau, J. M., 691  
 Kerr, Brad, 1109  
 Khanna, Kristen V., 710  
 Khawplod, Pakamatz, 913, 1100  
 Killer, Hilliary M., 686  
 Kim, Kwang Sik, 147  
 Kimpen, J. L. L., 1312  
 King, James, 995  
 King, Paul K., 1206  
 Kingnate, Darika, 143  
 Kirkorian, G., 404  
 Kirouac, Isabelle, 1294  
 Kirsch, Carl M., 1273  
 Klibanski, Anne, 634  
 Klock, Clovis, 144  
 Koc, Yener, 256  
 Koets, H. A., 1312  
 Kokolina, Elisabeth, 696  
 Kong, Li Kuo, 106  
 Konigsberger, Hanna, 822  
 Kontopoulou, Konstantina, 696  
 Koopman, Marion G., 1325  
 Korman, Kenneth S., 520  
 Koschuth, Antje, 680  
 Koskela, Markku, 1159  
 Kostakis, Apostolos, 1310  
 Kotb, Malak, 800  
 Kremery, V., 1071  
 Kremsner, Peter G., 794  
 Kressel, Amy B., 309  
 Krogstad, Paul, 1109  
 Kruzyński, Julie, 689  
 Kuijper, Ed J., 98, 1325  
 Kullberg, Bart Jan, 1148  
 Kurashige, Takanobu, 906  
 Kurup, Asok, 1324  
 Kurzban, Gary P., 442  
 Kwon, Dong H., 938  
 Kyd, Jennelle M., 238  
 Kylstra, Jan A., 1177  
 Labeaga, R., 1043  
 Lacassin, Flore, 1057  
 Lacour, J. Ph., 924  
 Lacroix, C., 414  
 Lacut, J. Y., 156  
 LaForce, F. Marc, 1294  
 Lagergård, Teresa, 552  
 Lähdevirta, Juhani, 920  
 Lalitha, M. K., 1213  
 Lallemand, F., 1183  
 Lamadé, Wolfram R., 148  
 Lambert, Claude, 1315  
 Landman, David, 1062  
 Langanay, Thierry, 150  
 Laroche, J. M., 155  
 LaRosa, Steven P., 240  
 Larsen, Robert A., 82, 297  
 Lassak, Maryann, 1002  
 Latgé, Jean-Paul, 322  
 Laverdiere, Michel, 331  
 Law, Barbara, 995, 1238  
 Lawrence, Steven, 1032  
 Laxer, Ronald M., 925  
 Leal, Mary Ann E., 82  
 Lebacq, E., 1260  
 Lebeau, B., 1071  
 Lebel, Marc, 1238  
 Leblanc, Thierry, 1172  
 Lecomte, F., 691  
 Lee, Bonita E., 153  
 Lee, Nam Yong, 1213  
 Leedom, John M., 82, 136  
 Legnani, Delfino, 866  
 Legrand, Patrick, 1172  
 Lehman, Leopold G., 794  
 Leibovici, Leonard, 822  
 Lell, Bertrand, 794  
 Le Moing, Vincent, 1057, 1180  
 Leonardi, Craig, 785  
 León, Eva M., 911  
 Leone, F., 936  
 Leoni, Pietro, 250  
 Lepidi, Hubert, 694  
 Leport, Catherine, 901, 1057,  
     1180  
 Lertpatanasuwan, Nimit, 927  
 Levesque, H., 691  
 Levin, Anna S., 1008  
 Levy, Robert M., 414  
 Li, Jennifer, 106  
 Liebetrau, M., 152  
 Liesnard, Corinne A., 931, 932  
 Lim, Mary E., 147  
 Limswanan, Kornvika, 1100  
 Linde, Annika, 562, 1036  
 Lipsky, Benjamin A., 352  
 Liu, Chaoying, 235  
 Livengood, John R., 1230  
 Ljungman, Per, 562  
 Lo, Kuen Kong, 1165  
 Lo, Wilson, 1252  
 LoBue, Philip, 1273  
 Locasciulli, Anna, 562  
 Loftus, Terrence, 1244  
 Longuet, Pascale, 1057, 1180

Longworth, David L., 240  
 Loorareeswan, Sornchai, 847  
 Lopes, Jorge O., 144  
 Lopez, Carlos E., 1095  
 López-González, F. J., 1171  
 Löscher, Thomas, 641  
 Low, Donald E., 800  
 Loza, Ana, 911  
 Lozano, Fernando, 911  
 Luckner, Doris, 794  
 Luna, M., 618  
 Lundholm, Suzana, 537  
 Lundkvist, Å., 860  
 Luzuriaga, Katherine, 1109  
 MacArthur, Rodger D., 1095  
 MacDonald, Noni, 1238  
 Madden, John F., 314  
 Mahajan, Ramesh Chander, 1178  
 Maiztegui, Julio I., 1091  
 Makepeace, Ashley E., 582  
 Malaty, Hoda M., 279  
 Malinvernini, Raffaele, 162  
 Mandelli, Franco, 250  
 Manfredi, Roberto, 692  
 Manji, Karim, 314  
 Manrique, Edison I., 1008  
 Månsen, Ann-Sofie, 816  
 Marchou, Bruno, 1330  
 Marco, Francesc, 685  
 Mariano, Noriel, 1134  
 Marie, I., 691  
 Marinho, Ivan S., 1008  
 Marino, Ignazio R., 683  
 Marinus, A., 1071  
 Markham, Richard B., 710  
 Marks, Steven, 687  
 Marsh, K., 764  
 Martin, Elizabeth, 1160  
 Martinez, Eduardo, 1342  
 Martino, Piero, 250, 1071  
 Maslow, Joel N., 514, 918  
 Mason, Peter R., 1341  
 Mason, Wilbert H., 169  
 Massip, Patrice, 1330  
 Masur, Henry, 643  
 Mateu, A., 916  
 Matousek, Peter, 794  
 Matter, Lukas, 162  
 Maury, Sébastien, 1172  
 May, Jürgen, 794  
 Mayer, Kenneth H., 1252  
 Mayers, Douglas L., 910  
 Mayo, Jose, 1342  
 Mazzella, P., 936  
 McClelland, R. Scott, 106  
 McCloskey, Richard, 770  
 McCormack, Joseph G., 274  
 McCue, Jack D., 750  
 McCullers, Jonathan A., 898  
 McCutchan, J. Allen, 136  
 McGeer, Allison, 800  
 McGinnis, Michael R., 687  
 McGowan, John E., Jr., 1119  
 McGuire, Patty K., 1336  
 McKechnie, Don B., 853  
 McKee, Kelly T., Jr., 1091  
 McKee, Scott, 314  
 McKinsey, David S., 1049  
 McMahon, Brian J., 932, 1162  
 Meis, Jacques F. G. M., 1148  
 Menichetti, Francesco, 250  
 Mentore, Bruno, 33  
 Mercader, M., 1043  
 Meri, Seppo, 1331  
 Meri, Taru, 1331  
 Merlet, C., 155  
 Messer, Shawn A., 605, 611  
 Meunier, F., 1071  
 Meyding-Lamadé, Uta K., 148  
 Meyer, Christian G., 794  
 Meyer, Laurence, 575  
 Meyer, Thomas F., 433  
 Meyerhoff, Andrea, 42  
 Michelot, Christian, 150  
 Micozzi, Alessandra, 250  
 Midha, Vandana, 400  
 Mielke, Jens, 1341  
 Mikolajczyk-Pawlinska, Jowita, 456  
 Miller, David, 230  
 Miller, Kenneth B., 256  
 Miller, Kirk D., 643  
 Miller, R., 1322  
 Miller, Sara E., 314  
 Milligan, Deborah, 1298  
 Milligan, Thomas, 785  
 Mills, Elaine, 995, 1238  
 Minutti, Carla Z., 159  
 Mirabelli-Primdahl, Laura, 847  
 Miró, José M., 685  
 Mitchell, Thomas F., 4  
 Mitrahakdi, Erawady, 143  
 Mitsopoulos, Efstrathios, 696  
 Miyawaki, Toshio, 906  
 Mockenhaupt, Frank P., 794  
 Modai, Jacques, 758  
 Moghaddam, Narguess, 331  
 Mohamed, Ali Si, 678  
 Molina, Jean-Michel, 758  
 Monaco, Renato Lo, 33  
 Montaner, Julio S. G., 910  
 Montessori, Valentina, 910  
 Monto, Arnold S., 200  
 Moore, Marisa, 52  
 Moran, Gregory J., 401  
 Morinet, Frédéric, 690, 758  
 Morris, J. Glenn, Jr., 1191  
 Morris, Rob, 1238  
 Morse, S. A., 1086  
 Moser, Bernhard, 1  
 Moskovitz, Bruce L., 291, 1049  
 Mower, William R., 401  
 Moyle, G. J., 403  
 Msengi, Abel E., 314  
 Mufson, Maurice A., 1265  
 Murphy, Gerald S., 74  
 Murphy-Corb, Michael, 514  
 Murri, Rita, 624  
 Musvaire, Praise, 1341  
 Mwakyusa, David H., 314  
 Mylonakis, Eleftherios, 1171  
 Nachman, Sharon, 309  
 Nahass, George T., 785  
 Nakada, Hirokazu, 1319  
 Narayanan, Paranjani R., 1290  
 Nasci, Roger S., 93  
 National Institute of Allergy and Infectious Diseases Mycoses Study Group, the, 291, 1049  
 Neaton, James D., 1025  
 Neau, D., 156  
 Nemeth, Antal, 537  
 Nemeth, Judith, 142  
 Nesselser, Anne, 988  
 Netea, Mihai G., 1148  
 Nettles, R. E., 934  
 Netzer, Roman O. M., 933  
 Neva, Franklin A., 947  
 Newdow, Michael, 401  
 Newman, Gale W., 514  
 Nguyen, Q., 618  
 Niault, M., 930  
 Nielsen, Karin, 1109  
 Nishioka, Sérgio de A., 154  
 Nitta, Annette Tsugie, 1298  
 Norkrans, Gunnar, 816  
 Norrby-Teglund, Anna, 800  
 Noskin, Gary A., 689  
 Nosten, François, 808  
 Nothdurft, Hans Dieter, 641  
 Nunes-Araújo, F. Regina F., 154  
 Nuutilainen, Hannu, 920  
 Offenbacher, S., 505  
 Ohrt, Colin, 74, 847  
 Oksi, Jarmo, 882  
 Olliffe, Jeffrey, 1095  
 Oner, F. C., 157  
 Ong, Samuel, 401  
 Onorato, Ida M., 52  
 Onyi, Grace O., 144  
 Ooe, Kenji, 1319  
 Orenstein, Walter A., S147  
 Oro, Julio G. Barrera, 1091  
 O'Rourke, Keith, 800  
 Ortega, Ynes R., 314  
 Ortonne, J. P., 924  
 Osato, Michael S., 279, 938  
 Osborne, Dennis R. S., 274  
 O'Shaughnessy, Michael V., 910  
 Ostinelli, Juliette, 901  
 Otegui, M., 1043  
 Ou, Jonathan T., 1174  
 Paddock, Christopher D., 853  
 Padovan, C. S., 152  
 Padula, Debora, 141  
 Pagano, Livio, 250  
 Pai, Chit Hyun, 1213  
 Paintlia, Ajai Singh, 1178  
 Paintlia, Manjeet Kaur, 1178  
 Palomba, E., 912  
 Pamer, Eric G., 714  
 Pandita, Deepti, 1183  
 Parada, Jorge P., 918  
 Parenti, D., 1260  
 Park, Matthew K., 629  
 Parkinson, Alan J., 932, 1162  
 Parkman, Paul D., S140  
 Parquet, Nathalie, 322  
 Passeron, T., 924  
 Pastorini, Maddalena Castellani, 33  
 Paterson, David L., 683  
 Patterson, Lori E. R., 93  
 Paxton, Linda, 1080  
 Peek, Giles J., 686  
 Peetersmans, Willy E., 921  
 Pefanis, Angelos, 1310  
 Peiffer, Hubert, 637  
 Pelouquin, Charles, 419  
 Penço, Juliana, 1008  
 Pendleton, G., 409  
 Peng, Grace, 1025  
 Peribix, Walter, 59  
 Percy, Meryl, 587  
 Perera, Jennifer, 1213  
 Perez-Atayde, Antonio R., 123  
 Perrin, C., 924  
 Perry, Kim, 1080  
 Perry, R. Clark, 161  
 Peters, Clarence J., 1091  
 Peterson, Lance R., 689  
 Petkaseam, Anantachoke, 927  
 Petric, Martin, 925  
 Petrosillo, Nicola, 365  
 Petrovec, M., 860  
 Peyramond, D., 404  
 Pfaller, Michael A., 605, 611  
 Pfister, H.-W., 152  
 Phillips, Peter, 407  
 Picarima, Helena, 74  
 Pichette, Sarah C., 1119  
 Pierce, Mark, 1049  
 Pietarinen, Ilmo, 1159  
 Pinher, Robert W., 401  
 Piquet, Philippe, 694  
 Pirofski, Liise-anne, 309  
 Pitlik, Silvio, 822  
 Pittler, Max H., 597  
 Pizza, Mariagrazia, 937  
 Podschun, R., 1338  
 Polesky, Andrea, 1273  
 Polis, Michael A., 534  
 Ponce-de-Leon, Samuel, 892  
 Ponce-de-Leon, Sergio, 892  
 Possinger, Kurt, 680  
 Potempa, Jan, 456  
 Powderly, William G., 408, 1152  
 Powers, Ann M., 67  
 Pozzetto, Bruno, 1315  
 Prats, G., 1043  
 Prens, Errol P., 145  
 Prince, Melvin J., 161  
 Prost, J., 930

Pryor, Erica R., 1119  
 Pulipaka, Uma P., 314  
 Puro, Vincenzo, 365  
 Qavi, Abdul, 1134  
 Qazi, Shamim Ahmad, 214  
 Quaglio, Gianluca, 685  
 Quale, John M., 1062  
 Quenzer, Ronald W., 1200  
 Raad, I., 618  
 Rabella, N., 1043  
 Ragnaud, J. M., 156  
 Raguin, Gilles, 142  
 Rahal, James J., Jr., 1134  
 Raimondi, Roberto, 250  
 Ramirez, Gladys, 67  
 Ramirez-Amador, Velia A., 892  
 Ramos, José M., 1334  
 Raoult, Didier, 694  
 Rappuoli, Rino, 937  
 Ratanasuwon, Winai, 1175  
 Rautio, Merja, 1159  
 Raz, Raul, 723  
 Reidy, Jason, 1223  
 Reinhart, H., 299  
 Reisinger, E. C., 409  
 Reller, L. Barth, 314  
 Renaud-Rouvier, M. B., 156  
 Renedo, Guadalupe, 1334  
 Restrepo, M. Angela, 1431  
 Reyes-Teran, Gustavo, 892  
 Rezza, Giovanni, 866  
 Ribaud, Patricia, 322, 690  
 Rice, Louis B., 1067  
 Rich, Josiah D., 1171  
 Richie, Thomas L., 74  
 Rickman, Leland S., 1340  
 Ries, Kristen M., 740  
 Rinaldo, Charles R., 1002  
 Riser, Laura, 291  
 Ristola, Matti, 920  
 Rizzo, John A., 1344  
 Robbins, Gregory K., 23  
 Robbins, John B., S91, 552  
 Robertson, Valerie J., 1341  
 Robinson, Joan L., 153  
 Robinson, Philip A., 82  
 Robson, Caroline D., 123  
 Robson, Jenny M. B., 274  
 Rocha, Ademir, 154  
 Rocha, Vanderson, 322  
 Rochette, Louis, 840  
 Rodella, Anna, 141  
 Rodriguez, P., 1043  
 Roehrig, John T., 67  
 Roger, Pierre-Marie, 1012  
 Roland, William E., 140, 935  
 Rolfs, Robert, S21  
 Rolston, K., 618  
 Rompal, Anne M., S84  
 Root, Richard K., 160  
 Rosart, Carol L., 4  
 Rosenberg, Martin, 1109  
 Rossi, Cynthia A., 67  
 Rossin, Iris R., 154  
 Rossini, Angelo, 141  
 Rotstein, Coleman, 331  
 Rouleau, Danielle  
 Roussakis, Georges, 106  
 Rousselot, Philippe, 1172  
 Rouzioux, Christine, 283  
 Rozenbaum, W., 1184  
 Rudolph, Karen, 1162  
 Rufo, Carmen, 911  
 Rupp, Marc E., 1175  
 Russell, Kevin L., 67  
 Ryan, Thomas, 106  
 Saag, Michael S., 291  
 Sadler, M., 403  
 Safrin, Sharon, 528  
 Sahly, H., 1338  
 Said, G., 414  
 Saimot, A. G., 414  
 St. George, Kirsten, 1002  
 St. Louis, Michael E., S1  
 Salhi, Y., 1184  
 Sällberg, Matti, 537  
 Salmeron, Marcelo, 142  
 Salmon-Céron, Dominique, 901  
 Salvi, G. E., 505  
 Samonigg, H., 409  
 Samore, Matthew, 1128  
 Samowitz, Wade, 1244  
 Samra, Zmira, 822  
 Samten, Buka, 1290  
 San, Lam Mun, 1324  
 Sande, Merle A., 701, 740  
 Sanders, Linda L., 106  
 Sansonetti, Philippe J., 466  
 Santos, José Ignacio, 267  
 Santos, Marcio V., 1008  
 Sartor, Klaus, 148  
 Sato, Hiroko, S124  
 Sato, Yuji, S124  
 Sattler, Fred R., 136  
 Saxelin, Maija, 1159  
 Schaad, Heinz J., 162  
 Schaffner, William, 93, 853  
 Schanz, Julie, 680  
 Scheifele, David, 1238  
 Schenkein, David P., 256  
 Scheuerer, W., 152  
 Schlagler, T. A., 346  
 Schlegel, L., 155  
 Schlesinger, Larry S., 682  
 Schluger, Neil W., 130  
 Schmader, Kenneth, 736  
 Schmid, Christopher H., 256  
 Schmid, Daniela, 794  
 Schmid, George P., S14, S57  
 Schmid, M., 409  
 Schmidt, Mary Lou, 159  
 Schmidt-Ott, Ruprecht J., 794  
 Schmiedl, Martina, 927  
 Schneerson, Rachel, S136, 552  
 Schneider, Luminita, 411  
 Schneider, V., 1184  
 Schnider, Peter, 409  
 Schuman, Paula, 1025  
 Schwartz, Benjamin, 211, 800  
 Schwartz, David A., 314  
 Scieux, Catherine, 690, 758  
 Scott, J. A. G., 764  
 See, Darryl, 136  
 Segal, Helene, 1244  
 Segal-Maurer, Sorana, 1134  
 Segev, S., 299  
 Seifert, Harald, 31, 59  
 Seiler, Christian, 933  
 Sélimi, Fadhéla, 322  
 Sermsri, Kridsada, 927  
 Sexton, Daniel J., 106, 934  
 Shafran, Stephen D., 1080  
 Shann, Frank, 189  
 Sherman, Kenneth E., 1032  
 Shillington, Andrew, 910  
 Shimizu, Yoshikata, 1319  
 Shimoni, Zvi, 822  
 Siau, Hong, 26  
 Siddiqui, Farida, 689  
 Sierra-Madero, Juan G., 892  
 Silvestre, M. Tulio A., 154  
 Simbrunner, J., 409  
 Simon, V., 346  
 Simpson, Andrew J. H., 410, 1328  
 Simpson, Julie, 808  
 Singh, Nina, 683  
 Siripataravanan, Somporn, 143  
 Sitprija, Visith, 1100  
 Skeeter, Claire M., 1281  
 Slutsker, Laurence, 401  
 Smith, A. Ernie, 1333  
 Smith, A. Peter, 1163  
 Soave, Rosemary, 1223  
 Sobel, Jack D., 291, 1025  
 Socié, Gérard, 322  
 Sofianou, Danai, 696  
 Solomon, Felicia, S74  
 Somerville, John E., 497  
 Song, Jae-Hoon, 1213  
 Sood, Ajit, 400  
 Soper, David, S29  
 Sosnowski, Andrezej, 686  
 Soubrier, Martin, 678  
 Spandrio, Michele, 141  
 Spanjaard, L., 923  
 Späth-Schwalbe, Ernst, 680  
 Specchia, Giorgina, 250  
 Spector, Stephen A., 1109  
 Spence, D., 1071  
 Srinivasan, Sathanur R., 279  
 Sriprakash, K. S., 1168  
 Stamm, Walter E., 723  
 Stanek, Ronald J., 1265  
 Stanley, Hopkins, 528  
 Stanley, Takara, 634  
 Stathakis, Charalampos, 1310  
 Steele-Moore, Lynn, 1025  
 Stefan, Norbert, 927  
 Steger, Kathleen A., 541  
 Stehr, Klemens, 602  
 Stephenson, Kathryn E., 4  
 Sterling, Charles R., 314  
 Stevens, David A., 1273  
 Stone, Katherine M., S37  
 Stosor, Valentina, 689  
 Strebel, Peter M., 1230  
 Stuart, Rhonda L., 895  
 Stumvoll, Michael, 927  
 Sullam, Paul M., 1080  
 Sullivan, J. G., 1323  
 Sullivan, Laurence J., 1156  
 Sullivan, Patrick S., 1095  
 Sundh, Valter, 552  
 Suni, Jukka, 920  
 Supran, Stacey E., 256  
 Suputtamongkol, Yupin, 927, 1328  
 Sureda, Carlos, 685  
 Sutinen, Jussi, 920  
 Swaminathan, Soumya, 1290  
 Sweet, Richard L., S29  
 Synder, Linda S., 1273  
 Taconelli, E., 936  
 Tachdjian, Raffi, 1230  
 Tachet, Anne, 283  
 Tadolini, Marina, 692  
 Takahashi, Masato, 169  
 Talan, David A., 401  
 Talarmin, Antoine, 637  
 Talbot, James, 800  
 Tang, Douglas, 74  
 Tantawichien, Terapong, 913, 1100  
 Tantisiriwat, Woraphot, 1152  
 Tapping, Richard I., 476  
 Taranger, John, 552  
 Tardieu, M., 414  
 Tardy, Bernard, 1315  
 Tarrand, J., 618  
 Täuber, Martin G., 1  
 Tavel, Jorge A., 643  
 Taylor, Walter R. J., 74  
 Taziwa, Albert, 1341  
 Tebas, Pablo, 1152  
 te Bulte, Marie T., 98  
 Tennant, Jan, 785  
 Tenover, Fred C., 1119  
 Tepsumethanon, Saowaluck, 913  
 Terry Beirn Community Programs for Clinical Research in AIDS, the, 1025  
 Tesh, Robert B., 67  
 Tessier, J., 1322  
 Testa, Marina, 562  
 Thamlikitkul, Visanu, 927  
 Thomas, Carolyn J., 291, 1049  
 Thomas, F., 930  
 Thomas, I., 834  
 Thomas, Kurien, 1213  
 Thwai, Kyaw Lay, 808  
 Tilles, Jeremiah G., 136  
 Tillmanns, Harald, 988  
 Tjitra, Emiliana, 74  
 Tobias, Peter S., 476  
 Torres-Viera, Carlos, 1128

Torriani, Francesca J., 136  
 Tosato, Giovanna, 906  
 Tovo, P.-A., 912  
 Trakulsomboon, Suwanna, 927  
 Tran, Nhung, 1002  
 Travis, James, 456  
 Trofatter, Kenneth, S37  
 Trollfors, Birger, 552  
 Truesdell-LaRosa, Laura, 240  
 Tuazon, Carmelita U., 291  
 Tubau, F., 916  
 Tucker, Lynne, 1252  
 Tumbarello, M., 936  
 Turner, D. P. J., 873  
 Tweenet, S. Samantha M., 1340  
 Tynkkynen, Soile, 1159  
 Tyring, Stephen K., S37  
 Udagawa, Hideo, 1319  
 Ullmann, U., 1338  
 Urban, Carl, 1134  
 Ussery, Xilla T., 93  
 Uziel, Yosef, 925  
 Valdivia, Sonia, 1200  
 Valleron, Alain-Jacques, 283  
 Valtonen, Matti, 1331  
 Valway, Sarah E., 52  
 Vandenesch, F., 404  
 Vandercam, B., 1071  
 Van der Meer, Jos W. M., 1148  
 van der Vorm, E. R., 923  
 Van Dyke, Thomas, 431  
 Van Eldere, Johan, 921  
 Van Hoecke, C., 1260  
 Van Loock, F., 834  
 Van Nhieu, Guy Tran, 466  
 Vanscoy, Robert E., 1249  
 van't Wout, Jan W., 247  
 Van Vooroen, Jean-Paul, 931  
 Vartian, Carl V., 412  
 Vasquez, Bruno, 67  
 Vaudry, Wendy, 1238  
 Vazquez, Jose A., 1025  
 Vejabhuti, Aprom, 143  
 Venet, Christophe, 1315  
 Venkataraman, Lata, 1128  
 Verbout, A. J., 157  
 Verdague, Ricardo, 1104  
 Veress, Bela, 1036  
 Verhaegen, Jan, 921  
 Viallard, J. F., 156  
 Viallon, Alain, 1315  
 Viani, Rolando M., 117  
 Viladrich, Pedro F., 1104  
 Vilde, Jean-Louis, 901, 1057,  
     1180  
 Villano, Stephen A., 919  
 Villaseñor-Sierra, Alberto, 267  
 Vinas, Federico C., 1206  
 Vincent, V., 939  
 Vincenti, Michèle, 808  
 Vinh, Bui Xuan, 1213  
 Virata, Steven R., 1177  
 Visca, Paolo, 33  
 Viscoli, C., 1071  
 Vogely, H. Ch., 157  
 von Rosenstiel, I. A., 923  
 von Sonnenburg, Frank, 641  
 Waas, Wolfgang, 988  
 Wagner, Milton L., 778  
 Wakiguchi, Hiroshi, 906  
 Wald, Anna, S4  
 Walker, Cheryl K., S29  
 Wallace, M. R., 151  
 Wallace, Richard J., Jr., 144  
 Walsh, Donal K., 1166  
 Walsh, Douglas, 847  
 Wang, Elaine E. L., 1238  
 Wang, Fu-Zhang, 562  
 Warsa, Usman Chatib, 1213  
 Washington, A. Eugene, S29  
 Wassef, Michel, 142  
 Watanakunakorn, Chatrchai, 115  
 Watson, Mark W., 1156  
 Wattigney, Wendy A., 279  
 Watts, Douglas M., 67  
 Webster, Robert G., 225, 898  
 Wehner, John H., 1273  
 Weiller, M., 924  
 Weinberger, Miriam, 822  
 Weislow, Owen, 910  
 Weiss, J. B., 1086  
 Wejstál, Rune, 816  
 Wendt, Constanze, 605, 611  
 Wenzel, Richard P., 605, 611,  
     1126  
 Wernet, Dorothee, 927  
 Weston, V. C., 873  
 Wharton, Melinda, 1230  
 Wheat, L. Joseph, 1049  
 Whimbey, E., 618  
 White, A. C., Jr., 1182  
 White, Mary H., 935  
 White, Nicholas J., 410, 808,  
     1328  
 White, Roger L., 1017  
 Whitt, Stevan P., 140  
 Whittam, T. S., 346  
 Widell, Anders, 816  
 Widjaja, Hendra, 74  
 Wiesinger, Barbara, 291  
 Wijngaerden, Eric Van, 921  
 Wilairatana, Polrat, 847  
 Wilde, Henry, 143, 913  
 Wildemann, Brigitte T., 148  
 Wiley, Dorothy J., S37  
 Willems, Paul, 995  
 Williams, Keith, 587  
 Wilson, Ian F., 1323  
 Wilson, Jill, 895  
 Wilson, R. A., 346  
 Wilson, Rebecca W., 144  
 Wilson, Scarlette, 528  
 Winston, Drew J., 406  
 Wisplinghoff, Hilmar, 59  
 Witt, Mallory D., 57  
 Wittes, Janet, 770  
 Wiznia, Andrew, 1109  
 Wohl, David A., 1177  
 Wolfs, T. F. W., 1312  
 Wong, John B., 256  
 Wong, Michael T., 1126  
 Wong, Pui Yu, 1165  
 Wong, Samson S. Y., 26  
 Woo, Patrick C. Y., 26  
 Woolcock, Ann, 189  
 Woo-Ming, Michael A., 1336  
 Workowski, Kimberly A., S1,  
     S29  
 Worthington, Michael G., 1323  
 Wright, Peter F., 1328  
 Wynne, Beverley, 1080  
 Xu, Chong, 1252  
 Yakulis, Robert, 1219  
 Yaniv, I., 299  
 Yee, Ti Teow, 1213  
 Yei, Pa, 808  
 Yew, Wong Sin, 1324  
 Yoshida, Ryoji, 1213  
 Yoshikawa, Thomas T., 708  
 Yuen, Kwok-Yung, 26  
 Zaidan, Radwan, 399  
 Zaki, Sherif R., 853  
 Zavasky, Dani-Margot, 1244  
 Zeni, Fabrice, 1315  
 Zenilman, Jonathan M., S66  
 Zollinger, Esther, 933  
 Zucconi, Roberta, 866  
 Zhang, Ming, 1290

## Subject Index

Abdomen, lymphadenopathy in, due to *Plasmodium vivax*, 400  
 Abdominal pain, in *Neisseria meningitidis* infections, 1327  
*Abiotrophia defectiva* meningitis, after myelography, 155  
 Abscess  
 aortic root, due to *Prevotella oralis*, 685  
 brain  
   due to *Citrobacter*, in pediatric patients, 384  
   due to *Nocardia pseudobrasiliensis*, in HIV infection, 144  
   due to streptococci, 1104  
 due to *Burkholderia pseudomallei*, after travel, 921  
 liver, due to *Lactobacillus rhamnosus*, 1159  
 obturator internus muscle, in pediatric patients, 117  
 spinal epidural, due to *Streptococcus pneumoniae*, 873  
 thyroid gland, due to *Mycobacterium chelonae*, 1183  
 Abuse, child, sexually transmitted diseases in, treatment, S74  
*Acanthamoeba* infections, in HIV infection, 947  
*Acinetobacter baumannii* infections  
 bacteremia, in burns, 59  
 resistance in, 1008  
 susceptibility, multiple antibiotic use and, 1017  
 ventriculitis, treatment, 916  
*Acinetobacter* infections, bacteremia, epidemiology, 26, 31  
 Acquired immunodeficiency syndrome (*see* Human immunodeficiency virus infection)  
 Actin, in *Shigella flexneri* motility, 466  
*Actinobacillus actinomycetemcomitans* infections, multiple [letter], 1342  
 Actinomycosis, pulmonary, 757, 891  
 Acyclovir  
   for herpes simplex virus infections  
     genital, S4  
     proctitis, S84  
   for herpes zoster, 736  
 Adefovir, for HIV infection, clinical trials, 643  
 Adenovirus infections  
   pneumonia, in immunodeficiency, 1043  
   in stem cell transplantation, treatment with cidofovir, 690  
 Adenylate cyclase toxin, as virulence factor, in pertussis, S94  
 Adhesins, as virulence factors, in pertussis, S94  
 Adolescents, sexually transmitted diseases in, treatment, S74  
*Aeromonas hydrophila* infections, bacteremia, 1336  
 African trypanosomiasis  
   in HIV infection, 947  
   skin lesions in, 679  
 AIDS (*see* Human immunodeficiency virus infection)  
 Airway, coccidioidomycosis, 1273  
 Alcoholism, *Streptococcus pneumoniae* infections in, 1162  
 Alendronate, for periodontal disease, 520  
*Alexandrium* (alga), shellfish poisoning from, 1191  
 Algae, toxic, poisoning from, 1191  
 Amebiasis, proctitis in, S84  
 American trypanosomiasis  
   antibodies in, in pregnancy, 1281  
   in HIV infection, 947  
 Amikacin, for *Mycobacterium avium* complex infections, clarithromycin-resistant, 136  
 Amnesia, shellfish poisoning, state-of-the-art, 1191  
 Amoxicillin  
   for respiratory infections, 214  
   for syphilis, S21  
 Amoxicillin/clavulanic acid, for chancroid, S14  
 Amphotericin B  
   for cryptococcosis, in HIV infection, failure, 82  
   for endophthalmitis, due to *Candida albicans*, 1177  
   lipid-containing, anaphylaxis from [letter], 1342  
   liposomal, for leishmaniasis, 42, 49  
     in kidney transplantation, 1310  
   nephrogenic diabetes insipidus from, 680  
     for neutropenia, colloidal dispersion [letter and reply], 935  
 Ampicillin/sulbactam, for pelvic inflammatory disease, S29  
 AMPLICOR chlamydia test, evaluation, 1002  
 Amprenavir, for HIV infection  
   clinical trials, 643  
   interactions with antimycobacterial drugs, 419  
 Anaerobic infections  
   meningitis, due to streptococci, 1104  
   mycotic aortic aneurysm, 928  
   pelvic inflammatory disease, treatment, S29  
 Anaphylaxis, from lipid-containing amphotericin B [letter], 1342  
 Androgens, for wasting in HIV infection, 634  
 Aneurysms  
   aortic, mycotic, microbiology, 928  
   coronary, due to Kawasaki disease, 169  
   mycoplasma infections, 694  
 Angioplasty, coronary, for Kawasaki disease, 169  
 Animal bites, cellulitis from, due to *Serratia marcescens*, 1181  
 Animal studies  
   *Porphyromonas gingivalis* gingipains, 456  
   simian immunodeficiency virus infection with *Mycobacterium avium* infection, 514  
 Antibiotics  
   for elderly persons, 750  
   prophylactic (*see* Prophylaxis)  
   resistance to (*see* Drug resistance)  
   susceptibility testing  
     in gram-negative bacteremia, 605  
     quinolones, *Neisseria gonorrhoeae*, 1165  
 Antibody(ies)  
   human herpesvirus 8, in POEMS syndrome, 678  
   monoclonal, in leukoscintigraphy, for osteomyelitis detection in diabetes mellitus, 1200  
*Trypanosoma cruzi*, in pregnancy, 1281  
 Antigen(s)  
   changes, in respiratory infections, 200  
   cytomegalovirus, assay for, in HIV infection, 758  
   presentation, in elderly persons, 714  
 Antimycobacterial drugs, interactions with antiretroviral agents, 419  
 Antiretroviral agents (*see also* specific drugs)  
   for HIV infection, clinical trials review, 643  
   interactions with antimycobacterial drugs, 419  
 Antitoxin, pertussis, S136  
 Anus, human papillomavirus infections, treatment, S37  
 Aortic aneurysm, mycotic, microbiology, 928  
 Aortic root abscess, due to *Prevotella oralis*, 685  
 Aphthous ulcers, in HIV infection, treatment with thalidomide, 892  
 Apoptosis  
   macrophages, in *Shigella flexneri* infections, 466  
   T lymphocytes, in idiopathic CD4 T lymphocytopenia, 1012  
 Arbovirus infections, in HIV infection, 947  
 Argentine hemorrhagic fever, clinical case definitions, 1091  
 Artemether, for malaria, 597  
 Artemisinin, neurotoxicity, 1330  
 Arteritis, coronary, due to Kawasaki disease, 169  
 Arthralgia, in Mayaro virus disease, 67  
 Arthritis, septic  
   hip, versus obturator internus muscle abscess, 117  
   due to streptococci, group G, 1322

Aspergillosis  
after bone marrow transplantation, 322  
osteomyelitis, vertebral, 1206  
prophylaxis for  
  in HIV infection, 1049  
  in neutropenia, 250

Aspiration, pneumonia in, in elderly persons, 726

Aspirin, for Kawasaki disease, 169

Atherosclerosis, *Chlamydia pneumoniae* and, Apr. Hot Page, 746, 988, 993

Autoimmune thrombocytopenia, in Lyme disease, 927

Azithromycin  
  for chancroid, S14  
  for malaria, prophylactic, 74  
  for proctitis, due to *Chlamydia trachomatis*, S84  
  for syphilis, S21  
  for urethritis, nongonococcal, S66

Babesiosis, in HIV infection, 947

Bacillary peliosis, in HIV infection, hemoperitoneum in, 911

Bacille Calmette-Guérin, immunization with, reactogenicity, 785, 791

Bacteremia  
  due to *Acinetobacter*, epidemiology, 26, 31  
  due to *Acinetobacter baumannii*, in burns, 59  
  due to *Aeromonas hydrophila*, 1336  
  due to *Capnocytophaga*, in neutropenia, 1172  
  due to *Enterococcus*, clinical features, 1175  
  due to *Enterococcus faecium*, vancomycin-resistant, 689  
  in extracorporeal membrane oxygenation, 828  
  due to gram-negative organisms  
    molecular epidemiology, 605  
    recurrent, incidence and clinical patterns, 611  
  nosocomial, treatment with colistin, 1008  
  due to *Salmonella*, nontyphoid, in pediatric patients, 822  
  due to *Staphylococcus aureus*, prospective studies, 106, 115

Bacterial vaginosis  
  in pediatric patients, S74  
  pelvic inflammatory disease and, S29  
  in sexual assault victims, S74  
  treatment, S57

Bacteriuria, perirethral bacterial flora and, 346

*Bacteroides fragilis*, lipopolysaccharide, CD14 interactions with, 491

*Balamuthia mandrillaris* infections, in HIV infection, 947

*Bartonella henselae* infections  
  osteomyelitis, 274, 1312  
  Parinaud's oculoglandular syndrome and, 1156  
  in pediatric patients, 778

*Bartonella* infections, in HIV infection, 947

*Bartonella quintana* infections, in HIV infection, hemoperitoneum in, 911

*Basidiobolus ranarum* infections, gastrointestinal, 1244

Benzathine penicillin, for syphilis, S21  
  in proctitis, S84

*hfp* gene, in pilus function, 451

Bichloroacetic acid, for genital warts, S37

Biliary atresia, in pediatric patients, hepatitis G RNA in, 537

Biopsy, prostatic, endocarditis prophylaxis in, Feb. Hot Page

Bites, animal, cellulitis from, due to *Serratia marcescens*, 1181

Bladder, neurogenic, infections in, perirethral bacterial flora and, 346

Blastomycosis, in HIV infection, 947

Blood transfusions, septic shock from, due to *Staphylococcus lugdunensis*, 681

Body piercing, infections in [letter and reply], 1340

Bone  
  destruction, in periodontal disease, inhibitors for, 520  
  infections (see Osteomyelitis)

Bone marrow, transplantation  
  aspergillosis in, 322  
  cytomegalovirus pneumonia in, 618  
  human herpesvirus 6 DNA in cerebrospinal fluid, 562  
  infections in, risk factors for, 256

Book reviews  
  *Neurological Complications of HIV and AIDS*, 414  
  *1998 Pocket Book of Infectious Disease Therapy*, 941

*Bordetella bronchiseptica* infections, in HIV infection, 1095

*Bordetella parapertussis* infections  
  culture in, S99  
  immunization, 602

*Bordetella pertussis* infections (see Pertussis)

Borrellosis (see Lyme disease)

Bradycardia, relative, in enteric fever, in pediatric patients, 582

Brain (see also Encephalitis; Meningitis)  
  abscess  
    due to *Burkholderia pseudomallei*, after travel, 921  
    due to *Citrobacter*, in pediatric patients, 384  
    due to *Nocardia pseudobrasiliensis*, in HIV infection, 144  
    due to streptococci, 1104  
  coxsackievirus infections, in HIV infection, 912  
  cysticercosis, diagnosis, 1331  
  echinococcosis, gamma knife radiosurgery in [letter and reply], 409  
  granulomatous disorder, due to Epstein-Barr virus, treatment with interferon- $\gamma$ , 1036  
  histoplasmosis, treatment with itraconazole, 915  
  HIV infection, foscarnet activity in, 931  
  sinusitis extension to, due to *Curvularia clavata*, 687  
  surgery on, cerebrospinal fluid analysis after, *Candida* in, 1139  
  toxoplasmosis, in HIV infection, 575  
  ventriculitis  
    due to *Acinetobacter baumannii*, carbapenem-resistant, treatment, 916  
    due to *Klebsiella pneumoniae*, treatment, 1134

Brain-blood barrier, permeability, in meningitis, 1

Bronchi, coccidioidomycosis, 1273

Bronchitis, chronic, infection-free interval in [letter], 1344

Brucellosis  
  cerebral venous thrombosis in, 399  
  in HIV infection, 947

Bubo, due to *Haemophilus ducreyi*, S14

Bullous dermatosis, from vancomycin, Feb. Hot Page

*Burkholderia pseudomallei* infections  
  abscess, after travel, 921  
  arabinose-positive, 927  
  treatment with cephalosporins, 1328

Burns, *Acinetobacter baumannii* bacteremia in, 59

*Calymmatobacterium granulomatis* infections, diagnosis, polymerase chain reaction in, 1168

*Campylobacter* infections, proctitis, S84

Cancer  
  candidemia in, surveillance study, 1071  
  herpes zoster in, 736  
  neutropenia in, fluconazole prophylaxis in, 331  
*Candida*, in cerebrospinal fluid, after neurosurgery, 1139

*Candida albicans* infections  
  endophthalmitis, treatment with amphotericin B, 1177  
  from high-density lipoprotein treatment, 1148

*Candida glabrata* infections  
  empyema, 922

vaginal, in HIV infection, 1025

**Candidemia**  
in cancer, surveillance study, 1071  
prophylaxis for, in neutropenia, 250

**Candidiasis**  
in HIV infection  
  oroesophageal, treatment with D0870 azole, 587  
  refractory [letter and reply], 407  
mucosal, in HIV infection, refractory [letter and reply], 407

**Capnocytophaga** bacteremia, in neutropenia, 1172

**Carbapenem**, resistance to, 916

**Cardio**bacterium hominis**** endocarditis, glomerulonephritis in, 1057

**Cardiomyopathy**, due to *Ehrlichia chaffeensis*, in HIV infection, 140

**Cardiovascular system**, fluoroquinolone effects on, 352

**Care-seeking behavior**, 234

$\beta$ -Carotene supplementation, in elderly persons, 717

**Catheter-related infections**  
  intravascular  
    due to *Acinetobacter*, 26, 31  
    due to gram-negative organisms, 611  
    due to *Mycobacterium neoaureum*, 682  
    due to *Staphylococcus aureus*, prospective studies, 106, 115  
  urinary  
    in elderly women, 723  
    periurethral bacterial flora and, 346

**Cat-scratch disease**  
  osteomyelitis in, 274

**Parinaud's oculoglandular syndrome** in, 1156

in pediatric patients, 778

  vertebral osteomyelitis in, 1312

**CC chemokines**, in meningitis, 1

**CD14 molecule**, in lipopolysaccharide-cell interactions, 476, 491, 497, 505

**CD66 molecule**, receptors for, in *Neisseria gonorrhoeae* interactions with host cells, 433

**CD95 molecule**, overexpression, in idiopathic CD4 T lymphocytopenia, 1012

**Cefoperazone/sulbactam**, for neutropenia [letter and reply], 406

**Cefotetan**, for pelvic inflammatory disease, S29

**Cefoxitin**, for pelvic inflammatory disease, S29

**Ceftazidime**  
  for melioidosis [letter], 410  
  resistance to, *Klebsiella pneumoniae*, 1134  
    hospital formulary changes and, 1062, 1067

**Ceftriaxone**  
  for chancroid, S14  
  for meningitis, due to *Salmonella typhimurium*, 1174  
  for syphilis, S21

**Cellular immune system**, of elderly persons, 710

**Cellulitis**  
  due to *Serratia marcescens*, from iguana bite, 1181  
  due to *Streptococcus pneumoniae*, 918

**Central nervous system** (*see also Brain; Spinal cord*)  
  fluoroquinolone effects on, 352

**Cephalosporins**  
  for chancroid, S14  
  for melioidosis, 1328  
  for pelvic inflammatory disease, S29

**Cerebral venous thrombosis**, due to *Brucella*, 399

**Cerebritis**, due to *Curvularia clavata*, 687

**Cerebrospinal fluid**  
  examination, in syphilis, S21  
  fistula, streptococcal infections, 1104  
  human herpesvirus 6 DNA in, in bone marrow transplantation, 562

procalcitonin measurement in, in bacterial meningitis, 1315

*Salmonella typhimurium* persistence in, 1174

saquinavir levels in, in HIV infection, 403

**Cestode infections**, in HIV infection, 947

**Chagas' disease**  
  antibodies in, in pregnancy, 1281  
  in HIV infection, 947

**Chancre**  
  anal, S84  
  due to *Trypanosoma brucei gambiense*, 679

**Chancroid**  
  in HIV infection, 1086  
  treatment, S14

**Chemokines**  
  in meningitis, 1  
  in periodontal disease progression, 482

**Chemotherapy**  
  gas gangrene in  
    due to *Clostridium perfringens*, 159  
    due to *Clostridium ramosum*, 923  
  neutropenia in, fluconazole prophylaxis in, 331  
  Chest-wall mass, due to antiretroviral therapy, 239, 351

**Chinese herbal medicine**, for acute respiratory infections, 235

***Chlamydia pneumoniae* infections**  
  atherosclerosis and, Apr. Hot Page, 746, 988, 993  
  Löfgren's syndrome in, 691  
  myocardial infarction and, 162

***Chlamydia trachomatis* infections**  
  in pediatric patients, S74  
  proctitis, S84  
  screening for, polymerase chain reaction in, 1002  
  in sexual assault victims, S74  
  urethritis, treatment, S66

**Chloramphenicol**  
  for melioidosis [letter], 410  
  resistance to, respiratory pathogens, 214

**Cholestasis**, in pediatric patients, hepatitis G RNA in, 537

**Chronic obstructive pulmonary disease**, pneumonia in, in elderly persons, 726

**Cidofovir**  
  for adenovirus infections, in stem cell transplantation, 690  
  for cytomegalovirus retinitis, in HIV infection, 528, 534  
  for genital warts, S37  
  for herpes simplex virus infections, genital, S4  
  iritis from, 156

**Ciguatera fish poisoning**, state-of-the-art, 1191

**Ciprofloxacin**  
  for bone marrow transplantation, prophylactic, 256  
  for chancroid, S14  
  for *Mycobacterium avium* complex infections, clarithromycin-resistant, 136  
  for proctitis, due to *Salmonella*, S84  
  safety, 299  
  for tuberculosis, in HIV infection, 130

**Circumsporozoite antigen**, as malaria seroconversion indicator, 641

***Citrobacter* infections**, in pediatric patients, 384

**Clarithromycin**  
  for *Mycobacterium avium* complex infections, in HIV infection, 1080  
  resistance to  
    *Helicobacter pylori*, 1307  
    *Mycobacterium avium* complex, 136

**Clindamycin**  
  for bacterial vaginosis, S57  
  for pelvic inflammatory disease, S29

for streptococcal toxic shock syndrome, 800  
*Clofazimine*, for *Mycobacterium avium* complex infections, clarithromycin-resistant, 136  
*Clostridium difficile* diarrhea, in HIV infection, 701, 936, 937 [letter and reply]  
*Clostridium perfringens* infections, gas gangrene, in chemotherapy, 159 prosthetic joint, 157  
*Clostridium ramosum* infections, gangrene, 923  
*Coccidioidomycosis* of airway, 1273 in HIV infection, 947  
*Colistin* for *Acinetobacter baumannii* infections, 916, 1008 for *Pseudomonas aeruginosa* infections, 1008  
*Colitis*, due to *Basidiobolus ranarum*, 1244  
*Collagenases*, inhibitors, in periodontal disease, 520  
*Colon*, malacoplakia, due to *Shigella boydii*, in HIV infection, 142  
*Colonization*, *Klebsiella pneumoniae*, 1338  
*Complement deficiency*, in *Neisseria meningitidis* infections, 98  
*Computer virus hoax messages*, Feb. Hot Page  
*Condyloma acuminatum* in pediatric patients, S74 in sexual assault victims, S74  
*Conjunctivitis* due to *Bartonella henselae*, 1156 due to Kawasaki disease, 169  
*Continuous ambulatory peritoneal dialysis*, *Rothia dentocariosa* peritonitis in, 696  
*Coronary arteritis*, due to Kawasaki disease, 169  
*Coronary artery bypass graft surgery*, *Fusarium dimerum* endocarditis after, 150  
*Coronary artery disease*, atherectomy in, *Chlamydia pneumoniae* detection in, 988, 993  
*Corticosteroids* for glomerulonephritis, in endocarditis, 1057 for herpes zoster, 736 spinal osteomyelitis from, 1206  
*Corynebacterium* infections, osteomyelitis, in skull, 1323  
*Cough*, in pertussis (see Pertussis, cough in)  
*Counseling*, on genital herpes, S4  
*Coxiella burnetii* infections endocarditis, glomerulonephritis in, 1057 epidemiology, 866 surgical, 1249  
*Coxsackievirus* infections, in HIV infection, 912  
*Craniotomy* infections, due to *Corynebacterium*, 1323  
*Crow-Fukase syndrome*, human herpesvirus 8 antibodies in, 678  
*Cryotherapy*, for genital warts, S37  
*Cryptococcus neoformans* infections in HIV infection, 947 meningitis, treatment, 82, 291, 297 in pediatric patients, 309 prophylaxis for, 1049 meningitis in HIV infection, 82, 291, 297 hydrocephalus in, treatment, 629 natural history [letter and reply], 1341  
*Cryptosporidium parvum* diarrhea, 314 in HIV infection, 701  
*Culture*  
*Bordetella parapertussis*, S99  
*Bordetella pertussis*, S99, S112  
*Curvularia clavata* infections, sinusitis, 687  
*CXC chemokines*, in meningitis, 1  
*Cyclospora* infections diarrhea, 314 histopathology, 1223  
*Cystatins*, *Treponema denticola*, 442  
*Cysteine proteinases (gingipains)*, *Porphyromonas gingivalis*, 456  
*Cysticercosis*, diagnosis, 1331  
*Cystocele*, urinary tract infection susceptibility in, 723  
*Cytarabine*, for progressive multifocal leukoencephalopathy, in HIV infection, 624  
*Cytochrome P450 enzymes*, in drug interactions, antiretroviral-antimycobacterial, 419  
*Cytokines* inhibitors, in periodontal disease, 520 in Kawasaki disease, 169 in meningitis, 1 in *Neisseria gonorrhoeae* infections, 433 in periodontal disease progression, 482 in tuberculosis, in pediatric patients, 1290 types, 1  
*Cytomegalovirus* infections atherosclerosis and, 746 in HIV infection, 341 diarrhea in, 701 prediction, 758 retinitis, treatment, 528, 534 treatment with foscarnet, 901 neutropenia in, 920  
*pneumonia* in blood and bone marrow transplantation, 618 in immunodeficiency, 1043 in pediatric patients, 1328  
D0870 azole, for candidiasis, in HIV infection, 587  
*Death* (see Mortality)  
*Delavirdine*, for HIV infection clinical trials, 643 interactions with antimycobacterial drugs, 419  
*Dengue fever* versus Mayaro virus disease, 67 in pregnancy, outcome of, 637  
*Dental disease*, periodontal (see Periodontal disease)  
*Dental procedures*, endocarditis prophylaxis for, Apr. Hot Page  
*Diabetes insipidus*, nephrogenic, from amphotericin B, 680  
*Diabetes mellitus* osteomyelitis in, detection with leukoscintigraphy, 1200 periodontal disease in, prostaglandin release and, 505 rhinocerebral zygomycosis in, treatment, 160  
*Dialysis*, peritoneal, peritonitis in due to herpes simplex virus, 1219 due to *Rothia dentocariosa*, 696  
*Diarrhea* due to *Clostridium difficile*, in HIV infection [letter and reply], 936, 937 due to *Cryptosporidium*, 314 due to *Cyclospora*, 314 due to *Cyclospora cayetanensis*, histopathology, 1223 due to *Enterocytozoon*, 314 in HIV infection, 947 state-of-the-art, 701 due to shellfish poisoning, 1191 in tropical countries, 966  
*Didanosine*, for HIV infection, 14, 23

Dilexanide, for proctitis, due to *Entamoeba*, S84

Dinoflagellates, illness from, 1191

*Dinophysis*, shellfish poisoning from, 1191

Diphtheria

- epidemiology, in Japan, S124
- immunization, S136
- pathogenesis, S136
- pertussis similarity to, S136

Diphtheria-tetanus-pertussis immunization

- efficacy for *Bordetella parapertussis*, 602
- in Japan, S124
- with other components, 995

Direct fluorescent antibody technique, in pertussis diagnosis, S99, S112

Disability adjusted life years, tropical diseases and, 966

DNA analysis, in giardiasis, 1178

DNA immunization, influenza, 225

Dobrava virus infections, epidemiology, in Slovenia, 860

Domoic acid, in amnesic shellfish poisoning, 1191

Donovanosis, diagnosis, polymerase chain reaction in, 1168

Doxycycline

- for Lyme disease, 569
- for malaria, prophylactic, 74
- for melioidosis [letter], 410
- for *Mycobacterium cheloneae* infections, 145
- for pelvic inflammatory disease, S29
- for periodontal disease, 520
- for proctitis
  - due to *Chlamydia trachomatis*, S84
  - due to *Treponema pallidum*, S84
- for urethritis, nongonococcal, S66

Drug interactions, in tuberculosis with HIV infection, 419

Drug resistance (*see also* Susceptibility testing)

- Acinetobacter baumannii*, 1008
  - carbapenem, 916
  - carbenicillin, 916
  - ceftazidime, *Klebsiella pneumoniae*, 1062, 1067, 1134
  - chloramphenicol, respiratory pathogens, 214
  - clarithromycin
    - Helicobacter pylori*, 1307
    - Mycobacterium avium* complex, 136
  - Copenhagen Recommendations on, Apr. Hot Page
  - Enterococcus faecium*, vancomycin, 689
  - Escherichia coli*, beta-lactamase-producing, 683
  - gram-negative organisms, multiple antibiotic use and, 1017
  - Haemophilus influenzae*, trimethoprim-sulfamethoxazole, 214
  - Helicobacter pylori*
    - clarithromycin, 1307
    - metronidazole [letter and reply], 937, 938
  - HIV, lamivudine, 910, 1032
  - Klebsiella pneumoniae*, 1338
    - ceftazidime, 1062, 1067, 1134
  - lamivudine, HIV, 910, 1032
  - methicillin, *Staphylococcus aureus*
    - hospital formulary changes and, 1062, 1067
    - vancomycin use and, 1119, 1126
  - metronidazole, *Helicobacter pylori* [letter and reply], 937, 938
  - multiple
    - Helicobacter pylori*, 1307
    - Mycobacterium tuberculosis*, 130, 1298
    - Pseudomonas aeruginosa*, 1128
  - Mycobacterium avium* complex, clarithromycin, 136
  - Mycobacterium tuberculosis*
    - multiple, 130
    - in pregnancy, 1298

*Neisseria gonorrhoeae*, quinolones, 1165

penicillin, *Streptococcus pneumoniae*, 1213

*Pseudomonas aeruginosa*, 1008

- multiple, 1128

quinolones, *Neisseria gonorrhoeae*, 1165

respiratory pathogens, 211

- trimethoprim-sulfamethoxazole, 214

*Staphylococcus aureus*, methicillin

- hospital formulary changes and, 1062, 1067
- vancomycin use and, 1119, 1126

*Streptococcus pneumoniae*, 1160

- in Asia, 1213
- in elderly persons, 730
- trimethoprim-sulfamethoxazole, 214

tropical organisms, 966

- vancomycin, *Enterococcus faecium*, 689

Ear infections, due to *Haemophilus influenzae*, outer membrane protein profiles, 267

Echinococcosis, cerebral, gamma knife radiosurgery in [letter and reply], 409

Echocardiography, in endocarditis, due to *Staphylococcus aureus*, 106, 115

Edema, pulmonary, noncardiogenic, in malaria, 1166

Education, on geriatrics, 753

Efavirenz, for HIV infection, clinical trials, 643

*Ehrlichia chaffeensis* infections, cardiomyopathy, in HIV infection, 140

Ehrlichiosis, in HIV infection, 947

Elderly persons

- antibiotic use in, 750
- atherosclerosis in, infections and, 746
- care of, training for, 753
- cellular immunity in, 710
- endocarditis in, clinical features, vs. younger adults [letter and reply], 933, 934
- fluoroquinolone effects on, 352
- herpes zoster in, 736
- HIV infection in, 740
- immune function in
  - antigen presentation in, 714
  - micronutrient supplementation and, 717
- issues involving, integration into infectious disease subspecialty, 708
- pneumococcal infections in, drug-resistant, 730
- pneumonia in, 726
- urinary tract infections in, 723

Electrolysis, molluscum contagiosum spread related to, 1171

Electrosurgery, for genital warts, S37

EMERGEncy ID NET sentinel network, 401

Emerging infections

- Mayaro virus disease, 67
- sentinel network for, 401
- in tropical countries, 966

Empyema, due to *Candida glabrata*, 922

Encephalitis

- due to Epstein-Barr virus, treatment with interferon- $\gamma$ , 1036
- granulomatous amebic, in HIV infection, 947
- due to herpes simplex virus, progressive magnetic resonance imaging abnormalities in, 148
- due to influenza B virus, 898
- due to Jamestown Canyon virus, diagnosis with polymerase chain reaction, 1294
- La Crosse, epidemiology, in Tennessee, 93
- St. Louis, in HIV infection, 947
- tick-borne, review, 882

Encephalopathy, due to *Bordetella pertussis*, 1238

Endocarditis  
 due to *Actinobacillus actinomycetemcomitans* [letter], 1342  
 due to *Chlamydia pneumoniae*, myocardial infarction and, 162  
 clinical features, in elderly persons vs. younger adults [letter and reply], 933, 934  
 due to *Coxiella burnetii*, 1249  
 culture-negative, myocardial infarction and, 162  
 due to *Fusarium dimerum*, after coronary artery bypass, 150  
 glomerulonephritis in, treatment with corticosteroids, 1057  
 due to *Prevotella oralis*, with complications, 685  
 prophylaxis for, Apr. Hot Page  
   in prostatic biopsy, Feb. Hot Page  
 due to *Staphylococcus aureus*, prospective studies, 106, 115  
 due to *Staphylococcus lugdunensis*, 403  
   due to streptococci, meningitis in, 1104  
 Endophthalmitis, due to *Candida albicans*, treatment with amphotericin B, 1177  
 Endotoxin (see Lipopolysaccharide)  
 Enoxacin, for chancreoid, S14  
*Entamoeba histolytica* infections, proctitis in, S84  
 Enteric fever, heart rate studies in, in pediatric patients, 582  
 Enteritis, sexually transmitted, S84  
*Enterobacter aerogenes* infections, susceptibility, multiple antibiotic use and, 1017  
*Enterobacter cloacae* infections  
   bacteremia, molecular epidemiology, 605  
   susceptibility, multiple antibiotic use and, 1017  
*Enterococcus faecalis* infections, obturator internus muscle abscess, 117  
*Enterococcus faecium* infections  
   bacteremia, vancomycin-resistant, 689  
   pseudobacteremia, 1333  
   resistance in, vancomycin, 689  
*Enterococcus* infections, bacteremia, clinical features, 1175  
*Enterocytozoon bieneusi* diarrhea, in HIV infection, 701  
*Enterocytozoon* infections, diarrhea in, 314  
 Enterovirus infections, pneumonia, in immunodeficiency, 1043  
 Enzyme-linked immunosorbent assay, for *Bordetella pertussis*, S99, S112  
 Eosinophilia, in HIV infection, 947  
 Epidemiology  
   *Acinetobacter* infections, bacteremia, 26, 31  
   *Citrobacter* infections, in pediatric patients, 384  
   diphtheria, in Japan, S124  
   hantavirus infections, in Belgium, 834  
   hemorrhagic fever with renal syndrome, in Slovenia, 860  
   herpes zoster, 736  
   HIV infection  
     in elderly persons, 740  
     in health care workers, 365  
   influenza, France, 283  
   Kawasaki disease, 169  
   La Crosse encephalitis, in Tennessee, 93  
   meningitis  
     due to streptococci, in adults, 1104  
     due to *Streptococcus pneumoniae*, 1265  
   pertussis, S91  
     in adults, S112, S131, S147  
     age distribution, S124  
     in Canada, 1238  
     in Japan, S124  
     in prevaccine era, S107  
     serotyping in, S99  
     in U.S., S112, 1230  
   pneumococcal pneumonia, in Kenya, 764  
   Q fever, 866  
   Rocky Mountain spotted fever, in family cluster, 853  
   *Streptococcus pyogenes* infections, 205  
   tetanus, in Japan, S124  
   toxoplasmosis, in HIV infection, 575  
   tropical diseases, 966  
   *Trypanosoma cruzi* antibodies, in pregnancy, 1281  
   tuberculosis, spoligotyping in [letter], 939  
 Epididymitis, due to *Aeromonas hydrophila*, 1336  
 Epidural abscess, due to *Streptococcus pneumoniae*, 873  
 Epistaxis, in pertussis, S107  
 Epithelial cells  
   enteropathogenic *Escherichia coli* interactions with, 451  
   *Neisseria gonorrhoeae* interactions with, 433  
   *Shigella flexneri* invasion, 466  
 Epstein-Barr virus infections  
   chronic active, cell-free viral DNA levels in, 906  
   lymphoproliferative disorder in, treatment with interferon, 1036  
 Eradication, pertussis, S91  
 Errata, genital wart article (1998;27:796), 415  
 Erythema multiforme, due to *Mycoplasma pneumoniae*, 1199, 1305  
 Erythema nodosum, due to *Chlamydia pneumoniae*, 691  
 Erythrocytes, polymorphism, malaria resistance and, 794  
 Erythromycin  
   for chancreoid, S14  
   for proctitis, due to *Campylobacter*, S84  
*Escherichia coli*, periurethral, urinary tract infections and, 346  
*Escherichia coli* infections  
   bacteremia  
     molecular epidemiology, 605  
     recurrent, 611  
   enteroaggregative, diarrhea, in HIV infection, 701  
   enteropathogenic, epithelial cell interaction with, 451  
   lipopolysaccharide-CD14 interactions with, 491, 497  
   peritonitis  
     beta-lactamase-producing, 683  
     fatal result in, 683  
   resistance in, beta-lactamase-producing, 683  
   susceptibility, multiple antibiotic use and, 1017  
 Esophageal candidiasis, in HIV infection  
   refractory [letter and reply], 407, 408  
   treatment with D0870 azole, 587  
 Esp proteins, *Escherichia coli*, epithelial cell interaction with, 451  
 Estrogen deficiency, urinary tract infection susceptibility in, 723  
 Ethambutol  
   interactions with antiretroviral agents, 419  
   for *Mycobacterium avium* complex infections  
     clarithromycin-resistant, 136  
     in HIV infection, 1080  
   for *Mycobacterium chelonae* infections, 145  
   for tuberculosis, in HIV infection, 130  
 Extracorporeal membrane oxygenation  
   infections in, 828  
   for pneumonia, due to *Legionella pneumophila*, 688  
 Eye infections, due to *Bartonella henselae*, 1156  
 Facial palsy, due to *Borrelia burgdorferi*, treatment with doxycycline, 569  
 Famciclovir  
   for herpes simplex virus infections  
     genital, S4  
     proctitis, S84  
   for herpes zoster, 736  
 Fas protein, overexpression, in idiopathic CD4 T lymphocytopenia, 1012

Fasciitis, necrotizing, due to *Streptococcus pyogenes*, white blood cell scan in, 153

Fat deposition, aberrant, due to antiretroviral therapy, 239, 351

Fetus, death, in maternal dengue fever, 637

Fever
 

- enteric, heart rate studies in, in pediatric patients, 582
- due to Kawasaki disease, 169
- in neutropenia, treatment [letter and reply], 406
- of unknown origin, in HIV infection, 341

Filamentous hemagglutinin
 

- measurement, in pertussis, 552, 560
- as virulence factor, in pertussis, S94

Fimbriae, as virulence factor, in pertussis, S94

Fish poisoning, state-of-the-art, 1191

Fistula, intracardiac, with *Prevotella oralis* endocarditis, 685

Fleroxacin, for chancroid, S14

Fluconazole
 

- for meningitis, due to *Cryptococcus neoformans*, in HIV infection, 291, 297
- prophylactic
  - in neutropenia, 331
  - for vaginal candidiasis, in HIV infection, 1025

Flucytosine, for cryptococcosis, in HIV infection, failure, 82

Fluoroquinolones, toxicity, 352

5-Fluorouracil, for genital warts, S37

Foot, osteomyelitis, detection with leukosintigraphy, in diabetes mellitus, 1200

N-Formyl-L-methionyl-L-leucyl-phenylalanine, in meningitis, 1

Foscarnet
 

- for cytomegalovirus infections, in HIV infection, 901
- genital ulcers from, 13, 139
- for herpes simplex virus infections, genital, S4
- for HIV infection, 931

Fungal infections (see also specific infections)
 

- in HIV infection, 947
  - prophylaxis for, 1049
  - meningitis, cytokines and chemokines in, 1
  - prophylaxis for
    - in HIV infection, 1049
    - in neutropenia, 250

Fungemia, due to *Saccharomyces*, 930

Furazolidone, for proctitis, due to *Giardia lamblia*, S84

*Fusarium dimerum* endocarditis, after coronary artery bypass, 150

*Fusobacterium nucleatum* infections, sepsis, portal vein thrombosis in, 1325

*Gambierdiscus* toxins, in shellfish, 1191

Gamma globulin, for Kawasaki disease, 169

Gamma knife radiosurgery, in cerebral echinococcosis [letter and reply], 409

Ganciclovir, for cytomegalovirus retinitis, in HIV infection, 528, 534

Gas gangrene
 

- due to *Clostridium perfringens*, in chemotherapy, 159
- due to *Clostridium ramosum*, 923

Gastrointestinal infections
 

- due to *Basidiobolus ranarum*, 1244
- sexually transmitted, S84
- due to *Shigella flexneri*, 466
- due to torovirus, 925

Gastrointestinal system
 

- fish poisoning effects on, 1191
- fluoroquinolone effects on, 352
- GB virus C (hepatitis G virus) infections
  - liver disease and, in pediatric patients, 537

perinatal transmission, 816

Gelatinases, inhibitors, in periodontal disease, 520

Genetics, Kawasaki disease, 169

Genital tract (see also Sexually transmitted diseases)
 

- herpes simplex virus infections
  - in HIV infection, 1086
  - treatment, S4
- ulcers
  - due to *Calymmatobacterium granulomatis*, diagnosis, 1168
  - due to Epstein-Barr virus, treatment with interferon- $\gamma$ , 1036
  - due to foscarnet, 13, 139
  - due to HIV, 1086
- warts
  - in pediatric patients, S74
  - in sexual assault victims, S74
  - treatment, S37

Gentamicin
 

- for bacteremia, due to *Enterococcus faecium*, 689
- for cat-scratch disease, 778
- for pelvic inflammatory disease, S29
- reactions to, Feb. Hot Page

Geriatric patients (see Elderly persons)

Giardiasis
 

- DNA analysis, 1178
- proctitis in, S84

Gingipains R, *Porphyromonas gingivalis*, pathogenicity, 456

Gingivitis (see Periodontal disease)

Glomerulonephritis
 

- due to *Actinobacillus actinomycetemcomitans* [letter], 1342
- in endocarditis, treatment with corticosteroids, 1057

Glucose-6-phosphate dehydrogenase deficiency, malaria resistance and, 794

Grafts, vascular, mycoplasma infections, 694

Gram-negative organisms
 

- antibiotic susceptibility, multiple antibiotic use and, 1017
- bacteremia
  - molecular epidemiology, 605
  - recurrent, incidence and clinical patterns, 611
- drug resistance, multiple antibiotic use and, 1017
- sepsis, treatment with high-density lipoproteins, 1148

Granulocyte(s), dysfunction of, in elderly persons, 710

Granulocyte colony-stimulating factor, for rhinocerebral zygomycosis, 160

Granuloma inguinale, in HIV infection, 1086

Granulomatosis, Wegener's, vs. *Pneumocystis carinii* pneumonia, 1163

Granulomatous amebic encephalitis, in HIV infection, 947

Grepafloxacin, toxicity, 352

Guillain-Barré syndrome, in typhoid fever, 1171

HA-1A (endotoxin monoclonal antibody), for septic shock, due to *Neisseria meningitidis*, 770

HAART (highly active antiretroviral therapy), for HIV infection
 

- diarrhea and, 701
- progressive multifocal leukoencephalopathy in, 1152
- tuberculosis prognosis and, 130

*Haemophilus ducreyi* infections
 

- in HIV infection, 1086
- treatment, S14

*Haemophilus influenzae* infections
 

- immunization
  - with multiple components, 995
  - nontypeable, 238
  - in pregnancy, 219
- nontypeable, ventriculoperitoneal shunt, 147

otitis media, outer membrane protein profiles, 267  
 resistance in, trimethoprim-sulfamethoxazole, 214  
 transmission, interruption, 200

Hantavirus infections  
 epidemiology, in Slovenia, 860  
 risk factors for, in Belgium, 834

Headache, in Mayaro virus disease, 67

Health care workers  
 HIV infection in, epidemiology, 365  
 isoniazid toxicity in, 895

Heart  
 fistula in, with *Prevotella oralis* endocarditis, 685  
 transplantation  
*Paecilomyces lilacinus* infections in, treatment with terbinafine, 1169  
*Pneumocystis carinii* pneumonia prophylaxis in, 240, 247

Heart block, with *Prevotella oralis* endocarditis, 685

Heart rate, in enteric fever, in pediatric patients, 582

*Helicobacter pylori* infections  
 natural history, in pediatric patients, 279  
 resistance in  
   clarithromycin, 1307  
   metronidazole [letter and reply], 937, 938

Helminthic infections, in HIV infection, 947

Hemagglutinin, filamentous, in pertussis  
 measurement, 552, 560  
 as virulence factor, S94

Hemoperitoneum, in bacillary peliosis, in HIV infection, 911

Hemorrhage  
 in pertussis, S107  
 pulmonary, in group A streptococcal infections, 1319

Hemorrhagic fever  
 Argentine, clinical case definitions, 1091  
 in HIV infection, 947  
 with renal syndrome, epidemiology, in Slovenia, 860

Hepatitis, in HIV infection, 1180

Hepatitis A  
 in HIV infection, 947  
 immunization, failure, 1324

Hepatitis B  
 in HIV infection, exacerbation after lamivudine withdrawal, 1032  
 immunization  
   core antibodies in [letter and reply], 932  
   politics, Feb. Hot Page  
 transmission, in body piercing [letter and reply], 1340

Hepatitis C  
 spontaneous recovery from, 141  
 transmission  
   in body piercing [letter and reply], 1340  
   perinatal, 816

Hepatitis G (GB virus C)  
 perinatal transmission, 816  
 RNA, liver disease and, in pediatric patients, 537

Herbal medicine, Chinese, for acute respiratory infections, 235

Herpes simplex virus infections  
 encephalitis, progressive magnetic resonance imaging abnormalities  
   in, 148  
 genital  
   in HIV infection, 1086  
   in pediatric patients, S74  
   treatment, S4  
 peritonitis, 1219  
 pneumonia, in immunodeficiency, 1043  
 proctitis, S84

in sexual assault victims, S74

Herpes zoster  
 in elderly persons, 736  
 in HIV infection, 947

High-density lipoproteins, *Candida albicans* growth related to, 1148

Highly active antiretroviral therapy (see HAART (highly active antiretroviral therapy))

Hip  
 prosthetic infections, due to *Clostridium perfringens*, 157  
 septic arthritis, versus obturator internus muscle abscess, 117

Histoplasmosis  
 cerebral, treatment with itraconazole, 915  
 in HIV infection, 341  
 travel and, 947  
 prophylaxis for, in HIV infection, 1049

HIV infection (see Human immunodeficiency virus infection)

Host defenses, in periodontal disease (see Periodontal disease, microbial-host cell interactions in)

Human herpesvirus 6, DNA, in cerebrospinal fluid, in bone marrow transplantation, 562

Human herpesvirus 8, antibodies to, in POEMS syndrome, 678

Human immunodeficiency virus, in semen, after antiretroviral therapy, 1252

Human immunodeficiency virus infection  
*Acanthamoeba* infections in, 947  
 arbovirus infections in, 947  
 babesiosis in, 947  
 bacillary peliosis in, hemoperitoneum in, 911  
 bacteremia in, due to *Ochrobactrum anthropi*, 692  
*Balamuthia mandrillaris* infections in, 947  
*Bartonella* infections in, 947  
 blastomycosis in, 947  
*Bordetella bronchiseptica* infections, 1095  
 brucellosis in, 947  
 candidiasis in  
   oroesophageal, treatment with D0870 azole, 587  
   refractory [letter and reply], 407  
   vaginal, 1025  
 cardiomyopathy in, due to *Ehrlichia chaffeensis*, 140  
 CD4 T lymphocyte deficiency in, vs. idiopathic CD4 T lymphocytopenia, 1012  
 cestode infections in, 947  
 Chagas' disease in, 947  
 chancroid in, S14, 1086  
 chest-wall mass in, due to antiretroviral therapy, 239, 351  
*Clostridium difficile* diarrhea in [letter and reply], 936, 937  
 coccidioidomycosis in, 947  
 coxsackievirus infection in, 912  
 cryptococcosis in, 947  
   meningitis, treatment, 82, 291, 297  
   in pediatric patients, 309  
 cryptosporidiosis in, 314  
*Cyclospora* infections in, 314  
 cytomegalovirus infections in, 341  
   prediction, 758  
   retinitis, treatment, 528, 534  
   treatment  
    with foscarnet, 901  
    neutropenia in, 920  
 diagnosis, in elderly persons, 740  
 diarrhea in, 947  
   due to *Clostridium difficile* [letter and reply], 936, 937  
   due to emerging pathogens, 314  
   state-of-the-art, 701

*Ehrlichia chaffeensis* cardiomyopathy in, 140  
 ehrlichiosis in, 947  
 in elderly persons, 740  
*Enterocytozoon* infections in, 314  
 eosinophilia in, 947  
 epidemiology, in elderly persons, 740  
 fat deposition in, due to antiretroviral therapy, 239, 351  
 fever of unknown origin in, 341  
 fluoroquinolone toxicity in, 352  
 fungal infections in, 947  
 prophylaxis for, 1049  
 genital infections in, 1086  
 due to herpes simplex virus, S4  
 granuloma inguinale in, 1086  
 granulomatous amebic encephalitis in, 947  
*Haemophilus ducreyi* infections in, 1086  
 helminthic infections in, 947  
 hemorrhagic fever in, 947  
 hepatitis A in, 947  
 hepatitis B exacerbation in, after lamivudine withdrawal, 1032  
 herpes simplex virus infections in, genital, 1086, S4  
 herpes zoster in, 947  
 histoplasmosis in, 341, 947  
 immunization in, 947  
 influenza vaccination in, 541, 548  
 JC virus infection in, treatment with cytarabine, 624  
 leishmaniasis in, 947  
 leprosy in, 947  
 leptospirosis in, 947  
 lymphogranuloma venereum in, 1086  
 lymphoma in, 341  
 malabsorption in, of drugs, 419  
 malacoplakia in  
 due to *Rhodococcus equi*, 1334  
 due to *Shigella boydii*, 142  
 malaria in, 947  
 measles in, 947  
 meningitis in  
 due to *Cryptococcus neoformans*, treatment, 82, 291, 297  
 cytokines and chemokines in, 1  
*Mycobacterium avium* complex infections in, 341  
 clarithromycin-resistant, 136  
 treatment, 1080  
 nematode infections in, 947  
 neurologic disorders in [book review], 414  
*Nocardia pseudobrasiliensis* infections in, 144  
*Ochrobactrum anthropi* bacteremia in, 692  
 opportunistic infections in, prophylaxis for, 14, 23  
 paracoccidioidomycosis in, 947  
 in pediatric patients, S74  
 coxsackievirus infection with, 912  
 treatment, with nelfinavir, 1109  
*Penicillium marneffei* infections in, 947  
*Pneumocystis carinii* pneumonia in, 341  
 pneumonia in [letter and reply], 410, 411  
 poliomyelitis in, 947  
 prevention  
 in elderly persons, 740  
 in travelers, 947  
 primary, 537, 677  
 proctitis in, S84  
 progression, in elderly persons, 740  
 progressive multifocal leukoencephalopathy in, 1152  
 treatment with cytarabine, 624

*Pseudomonas pseudomallei* infections in, 947  
 Q fever in, 866  
 rabies immunization in, 913  
 rabies in, 947  
 resistance in, lamivudine, 910, 1032  
 respiratory infections in, virology, 1043  
 retinitis in, due to cytomegalovirus, treatment, 528, 534  
*Rhodococcus equi* malacoplakia in, 1334  
 rickettsial infections in, 947  
 St. Louis encephalitis in, 947  
 salmonellosis in, 947  
 scabies in, 947  
 schistosomiasis in, 947  
 seroconversion illness, 537, 677  
 in sexual assault victims, S74  
*Shigella boydii* infections in, malacoplakia, 142  
 skin lesions in, due to *Sporothrix schenckii*, 1337  
 sleeping sickness in, 947  
 sporotrichosis in, 947, 1337  
 strongyloidiasis in, 154, 947  
 syphilis in, 1086, S21, S84  
*Taenia crassiceps* infection in, 947  
 tapeworms in, 947  
 toxoplasmosis in, incidence and risk factors for, 575  
 transmission  
 in body piercing [letter and reply], 1340  
 in elderly persons, 740  
 to health care workers, epidemiology, 365  
 travelers' diseases in, state-of-the-art, 947  
 treatment  
 with adefovir, 643  
 with amprenavir, 643  
 versus care provider experience, 14, 23  
 chest-wall mass in, 239, 351  
 clinical trials review, 643  
 combination, 403, 643, 1184  
 with delavirdine, 643  
 with efavirenz, 643  
 in elderly persons, 740  
 failure, 1180  
 with foscarnet, 931  
 HAART (see HAART (highly active antiretroviral therapy))  
 with indinavir, 643, 1252  
 with lamivudine, 1032  
 with nelfinavir, 643, 1109  
 pancreatitis from, 161  
 with ritonavir, 643  
 with saquinavir, 403, 643  
 with tuberculosis, 419  
 trematode infections in, 947  
 trypanosomiasis in  
 African, 947  
 American, 947  
 tuberculosis in, 947  
 treatment, 130  
 drug interactions in, 419  
 ulcers in, treatment with thalidomide, 892  
 vaginal infections in, due to *Candida*, 1025  
 viral load in, influenza vaccination impact on, 541, 548  
 wasting in, treatment with androgens, 634  
 yellow fever in, 947

Human papillomavirus infections, genital  
 in pediatric patients, S74  
 in sexual assault victims, S74

treatment, S37  
 Hydrocephalus, in meningitis, due to *Cryptococcus neoformans*, treatment, 629  
 Hydrogen sulfide, in periodontal pockets, from cystalysin, 442  
 Hypercoagulability, due to Kawasaki disease, 169  
 Hypertriglyceridemia, from ritonavir, pancreatitis from, 161  
 Hypogonadism, in HIV infection, treatment with androgens, 634

*icsA* gene, *Shigella flexneri*, 466  
 Imipenem, for neutropenia [letter and reply], 406  
 Imiquimod, for genital warts, S37  
 Immune globulin, for Kawasaki disease, 169  
 Immune system  
   of elderly persons  
 antigen presentation in, 714  
 cellular, 710  
 micronutrient supplementation and, 717  
 fluoroquinolone effects on, 352  
 Immunization  
   Bacille-Calmette-Guérin, reactogenicity, 785, 791  
   *Bordetella parapertussis*, 602  
   diphtheria, S136  
   diphtheria-tetanus-pertussis  
 efficacy for *Bordetella parapertussis*, 602  
 in Japan, S124  
 with other components, 995  
   *Haemophilus influenzae*  
 nontypeable, 238  
 in pregnancy, 219  
   *Haemophilus influenzae*-tetanus toxoid, 995  
 hepatitis A, failure, 1324  
 hepatitis B  
   core antibodies in [letter and reply], 932  
   politics of, Feb. Hot Page  
 in HIV infection, 947  
 influenza  
   DNA vaccines in, 225  
   in elderly persons, 725  
   in HIV infection, 541, 548  
 Lyme disease  
   dosage schedule, Feb. Hot Page  
   schedule for, 1260  
 maternal, in infant respiratory disease prevention, 219  
 with multiple components, 995  
 newsbriefs on, Apr. Hot Page  
 pertussis (see Diphtheria-tetanus-pertussis immunization; Pertussis, immunization)  
 pneumococcal, in elderly persons, 725  
 polio, 995  
 rabies  
   booster, 1100  
   in HIV infection, 913  
 respiratory pathogens, 200  
   in pregnancy, 219  
 respiratory syncytial virus, in pregnancy, 219  
 rubella, S140  
 streptococci group B, in pregnancy, 219  
*Streptococcus pneumoniae*, 730  
   failure, in alcoholism, 1162  
   in pregnancy, 219  
 tetanus (see also Diphtheria-tetanus-pertussis immunization)  
   *Mycobacterium haemophilum* skin lesion recrudescence after, 919  
 tetanus toxoid-*Haemophilus influenzae*, 995  
 tick-borne encephalitis, 882

Immunodeficiency (see also Human immunodeficiency virus infection; Leukemia; Transplantation)  
*Clostridium ramosum* gangrene in, 923  
 in idiopathic CD4 T lymphocytopenia, 1012  
 respiratory infections in, virology, 1043  
 Immunoglobulin(s), intravenous, for streptococcal toxic shock syndrome, 800  
 Immunoglobulin G, measurement, in pertussis, 552, 560  
 Incontinence, urinary tract infection susceptibility in, 723  
 Indinavir, for HIV infection, 14, 23  
   clinical trials, 643  
   failure, 1180  
   interactions with antimycobacterial drugs, 419  
   with ritonavir, 1184  
   semen viral persistence and, 1252  
 Infection control  
   acute respiratory infections  
 influenza DNA immunization in, 225  
 in Philippines, 195  
 public health approach, 192, 195  
 transmission interruption in, 200  
   for vancomycin use reduction, 1119, 1126  
 Infective endocarditis (see Endocarditis)  
 Inflammation, periodontal (see Periodontal disease)  
 Inflammatory bowel disease, treatment with ciprofloxacin, safety, 299  
 Influenza  
   clinical case definitions, 283  
   epidemiology, France, 283  
   immunization  
 DNA vaccines in, 225  
 in elderly persons, 725  
 in HIV infection, 541, 548  
   pneumonia, in immunodeficiency, 1043  
   transmission, interruption, 200  
 Influenza B virus, encephalitis, 898  
 Intensive care unit  
   *Klebsiella pneumoniae* infections in, 1338  
   vancomycin use in, 1119, 1126  
 Interferon(s), for genital warts, S37  
 Interferon- $\alpha$ , for progressive multifocal leukoencephalopathy, in HIV infection, 1152  
 Interferon- $\gamma$   
   for Epstein-Barr virus infection, 1036  
   for meningitis, 1  
   for tuberculosis  
    in HIV infection, 130  
    in pediatric patients, 1290  
 Interleukin(s)  
   in meningitis, 1  
   in tuberculosis, in pediatric patients, 1290  
 Interleukin-1, in periodontal disease progression, 482  
 Interleukin-1 $\beta$   
   in periodontal disease progression, 497  
   in *Shigella flexneri* pathogenesis, 466  
 International Union Against Tuberculosis and Lung Disease, in respiratory infection control, 230  
 Internet, pediatric infection bibliography on, 395  
 Intimin, in *Escherichia coli*-host cell interactions, 451  
 Invasins, *Shigella flexneri*, 466  
 Iodoquinol, for proctitis, due to *Entamoeba*, S84  
 Ipa proteins, *Shigella flexneri*, 466  
 Iritis, due to cidofovir, 156  
 Isolation, in tuberculosis, in pediatric patients, Feb. Hot Page  
 Isoniazid

toxicity to health care workers, 895  
for tuberculosis, in HIV infection, 130

*Isospora belli* diarrhea, in HIV infection, 701

Itraconazole  
for histoplasmosis, 915  
for meningitis, due to *Cryptococcus neoformans*, in HIV infection, 291, 297  
prophylactic  
in HIV infection, 1049  
in neutropenia, 250

Jamestown Canyon encephalitis, diagnosis with polymerase chain reaction, 1294

JC virus infection, in HIV infection, treatment with cytarabine, 624

Joint(s), septic arthritis (*see* Arthritis, septic)

Junin virus infections, clinical case definitions, 1091

Kawasaki syndrome, state-of-the-art, 169

Kidney  
dysfunction, in endocarditis, treatment with corticosteroids, 1057  
failure  
from colistin, 1008  
in hemorrhagic fever, 860  
in HIV infection, 1180  
transplantation  
leishmaniasis in, treatment with amphotericin B, 1310  
*Pneumocystis carinii* pneumonia prophylaxis in, 240, 247

*Klebsiella pneumoniae* infections  
bacteremia, molecular epidemiology, 605  
nosocomial, 1338  
resistance in, 1338  
ceftazidime, 1062, 1067, 1134  
susceptibility, multiple antibiotic use and, 1017  
ventriculitis, treatment, 1134

La Crosse encephalitis, epidemiology, in Tennessee, 93

$\beta$ -Lactamase, *Klebsiella pneumoniae*, 1338

Lactation, fluoroquinolone toxicity in, 352

*Lactobacillus rhamnosus* infections, liver abscess, 1159

Lamivudine, for HIV infection, 14, 23  
resistance to, 910, 1032  
withdrawal, hepatitis B exacerbation after, 1032

Laser therapy, for genital warts, S37

Latex agglutination assay, for pneumococci, 764

Legionnaire's disease  
on cruise ship, 33, 39  
treatment with extracorporeal membrane oxygenation, 686

Leishmaniasis  
in HIV infection, 947  
visceral  
in kidney transplantation, treatment with amphotericin B, 1310  
treatment with liposomal amphotericin B, 42, 49

Leprosy, in HIV infection, 947

Leptospirosis, in HIV infection, 947

Leukemia  
candidemia in, surveillance study, 1071  
chemotherapy for, gas gangrene in, due to *Clostridium perfringens*, 159  
neutropenia in, fungal infection prophylaxis in, 250

Leukoencephalopathy, progressive multifocal, in HIV infection, 1152  
treatment with cytarabine, 624

Leukoscintigraphy, for osteomyelitis, in diabetes mellitus, 1200

Leukotrienes, in meningitis, 1

Levofloxacin, toxicity, 352

Linezolid, for bacteremia, due to *Enterococcus faecium*, 689

Lipids, dietary, for elderly persons, 717

Lipomatosis, benign, due to antiretroviral therapy, 239, 351

Lipopolysaccharide (endotoxin)  
CD14 interactions with, 491, 497  
cellular interactions with, 476  
in meningitis, 1  
monoclonal antibodies to, for septic shock, due to *Neisseria meningitidis*, 770  
in prostaglandin release from macrophages, 505

Lipopopolysaccharide binding protein, in cellular interactions, 476

Lipoproteins, high-density, *Candida albicans* growth related to, 1148

*Listeria monocytogenes* infections  
meningitis, cytokines and chemokines in, 1  
neurologic manifestations, 152

Liver  
abscess, due to *Lactobacillus rhamnosus*, 1159  
cat-scratch disease affecting, in pediatric patients, 778  
diseases, in pediatric patients, hepatitis G RNA in, 537  
failure, varicella-zoster virus infection in [letter], 412  
fluoroquinolone effects on, 352  
transplantation, *Pneumocystis carinii* pneumonia prophylaxis in, 240, 247

Locus of enterocyte effacement, *Escherichia coli*, 451

Löfgren's syndrome, in *Chlamydia pneumoniae* infections, 691

Loperamide, for traveler's diarrhea, 1286

Lung (*see also* Pneumonia)  
abscess, due to *Burkholderia pseudomallei*, after travel, 921  
hemorrhage, in group A streptococcal infections, 1319  
transplantation, *Pneumocystis carinii* pneumonia prophylaxis in, 240, 247

Lyme disease  
autoimmune thrombocytopenia in, 927  
immunization schedule, Feb. Hot Page, 1260  
treatment with doxycycline, 569

Lymphadenitis  
due to Kawasaki disease, 169  
due to nontuberculous mycobacteria, in pediatric patients, 123

Lymphadenopathy  
due to *Haemophilus ducreyi*, S14  
due to *Plasmodium vivax*, 400

Lymphocytopenia, CD4 T lymphocytes, idiopathic, apoptosis in, 1012

Lymphogranuloma venereum, in HIV infection, 1086

Lymphoma, in HIV infection, 341

Lymphoproliferative disorder, in Epstein-Barr virus infection, treatment with interferon- $\gamma$ , 1036

Macrophage(s)  
apoptosis, in *Shigella flexneri* infections, 466  
dysfunction of, in elderly persons, 710  
lipopolysaccharide interactions with, 491, 505

Macrophage inflammatory protein(s), in meningitis, 1

Magnetic resonance imaging, in herpes simplex virus encephalitis, 148

Major histocompatibility complex, in elderly persons, 714

Malacoplakia  
due to *Rhodococcus equi*, in HIV infection, 1334  
due to *Shigella boydii*, in HIV infection, 142

Malaria  
in HIV infection, 947  
due to *Plasmodium falciparum*  
circumsporozoite antigen detection in, 641  
in pregnancy, treatment with mefloquine, 808  
prophylaxis for, with azithromycin, 74  
resistance to, red blood cell polymorphisms and, 794

susceptibility to, red blood cell polymorphisms and, 794  
treatment  
  with artemisinin, 1330  
  failure, polymerase chain reaction studies after, 847

*Plasmodium vivax*  
  adult respiratory distress syndrome in, 1182  
  prophylaxis for, with azithromycin, 74  
  pulmonary edema in, 1166  
due to *Plasmodium vivax*, abdominal lymphadenopathy in, 400  
in pregnancy, 947  
treatment with artemether, 597

Malnutrition  
  in developing countries, 966  
  in pertussis, S107

Matrix metalloproteinases, inhibitors, in periodontal disease, 520

Mayaro virus disease, description, 67

Measles, in HIV infection, 947

Mefloquine, for malaria, in pregnancy, 808

Melioidosis  
  arabinose-positive, 927  
  after travel, 921  
  treatment, [letter], 410  
  with cephalosporins, 1328

Meningitis  
  due to *Abiotrophia defectiva*, after myelography, 155  
  bacterial, procalcitonin measurement in, 1315  
  due to *Borrelia burgdorferi*, treatment with doxycycline, 569  
  due to *Candida*, after neurosurgery, 1139  
  due to *Citrobacter*, in pediatric patients, 384  
  due to *Cryptococcus neoformans*  
    in HIV infection, treatment, 82, 291, 297  
    hydrocephalus in, treatment, 629  
    natural history [letter and reply], 1341  
  inflammatory agents in, state-of-the-art, 1  
  due to Kawasaki disease, 169  
  due to *Neisseria meningitidis*, complement deficiency in, 98  
  due to *Salmonella typhimurium*, treatment with ceftriaxone, 1174  
  due to streptococci  
    in adults, 1104  
    group B, mortality in, 151  
  due to *Streptococcus pneumoniae*, epidemiology, 1265  
  due to tick-borne encephalitis virus, 882

Meningococcal infections (see *Neisseria meningitidis* infections)

Meropenem, for ventriculitis, due to *Klebsiella pneumoniae*, 1134

Metalloproteinases, inhibitors, in periodontal disease, 520

Methicillin, resistance to, *Staphylococcus aureus*  
  hospital formulary changes and, 1062, 1067  
  vancomycin use and, 1119, 1126

Methylprednisolone, for Kawasaki disease, 169

Metronidazole  
  for bacterial vaginosis, S57  
  for pelvic inflammatory disease, S29  
  for proctitis  
    due to *Entamoeba*, S84  
    due to *Giardia lamblia*, S84  
  resistance to, *Helicobacter pylori* [letter and reply], 937, 938

Micronutrient supplementation, in elderly persons, immune system and, 717

Microsporidia, diarrhea, in HIV infection, 701

Mineral supplementation, in elderly persons, immune system and, 717

Minocycline, for urethritis, nongonococcal, S66

Molluscum contagiosum, spread during electrolysis, 1171

Monoclonal antibodies  
  endotoxin, for septic shock, due to *Neisseria meningitidis*, 770  
  in leukosintigraphy, for osteomyelitis detection in diabetes mellitus, 1200

Monocyte(s), lipopolysaccharide interactions with, in periodontal disease, 497

Monocyte chemoattractant proteins  
  in meningitis, 1  
  in periodontal disease progression, 482

Mortality  
  in Argentine hemorrhagic fever, 1091  
  in candidemia, in cancer, 1071  
  in *Clostridium ramosum* infection, 923  
  in cryptococcal meningitis [letter and reply], 1341  
  fetal, in maternal dengue fever, 637  
  in hemorrhagic fever with renal syndrome, 860  
  in HIV infection, prediction with cytomegalovirus antigenemia assay, 758  
  in melioidosis, 1328  
  in meningitis  
    due to *Cryptococcus neoformans*, in HIV infection, 82  
    due to streptococci, 151, 1104  
    due to *Streptococcus pneumoniae*, 1265  
  in mycotic aortic aneurysm, 928  
  in osteomyelitis, due to *Aspergillus*, 1206  
  in peritonitis, due to *Escherichia coli*, 683  
  in pertussis, S107, 1238  
  in pneumonia  
    due to cytomegalovirus, 618  
    due to *Legionella pneumophila*, 686  
  in progressive multifocal leukoencephalopathy, in HIV infection, 624  
  in *Pseudomonas aeruginosa* infections, 1128  
  in rabies immunization, 143  
  in Rocky Mountain spotted fever, 853  
  in sepsis, due to *Streptococcus pneumoniae*, 1162  
  in septic shock, due to *Neisseria meningitidis*, 770  
  in spinal infections, due to *Streptococcus pneumoniae*, 873  
  in streptococcal infections, group A, 1319  
  in tick-borne encephalitis, 882  
  in toxic shock syndrome, due to streptococci, 800  
  in tropical diseases, in developing world, 966  
  in varicella-zoster virus infection, with liver failure [letter], 412

Mosquitoes, in disease transmission, Mayaro virus disease, 67

Mucosa, *Shigella flexneri* invasion, 466

Mucosal infections, due to *Candida*, in HIV infection [letter and reply], 407, 408

Musculoskeletal system, fluoroquinolone effects on, 352

Mutations, *Helicobacter pylori*, 1307

Myalgia, in Mayaro virus disease, 67

Mycobacterial infections, nontuberculous, lymphadenitis, in pediatric patients, 123

*Mycobacterium avium* complex infections  
  in HIV infection, 341  
    clarithromycin-resistant, 136  
    diarrhea in, 701  
    treatment, 1080  
  lymphadenitis, in pediatric patients, 123  
  simian immunodeficiency virus infection with, tumor necrosis factor- $\alpha$  production in, 514  
  treatment with ciprofloxacin, safety, 299

*Mycobacterium cheloneae* infections  
  thyroid gland abscess, 1183  
  treatment, 145

*Mycobacterium fortuitum* infections, skin, 924

*Mycobacterium haemophilum* infections, skin, recrudescence after tetanus immunization, 919

*Mycobacterium nevadum* infections, catheter-related, 682  
*Mycobacterium tuberculosis* (*see also* Tuberculosis)  
  molecular epidemiology, spoligotyping in [letter], 939  
  resistance in, 130  
    in pregnancy, 1298  
*Mycobacterium xenopi* infections, in idiopathic CD4 T lymphocytopenia, 1012  
*Mycoplasma hominis* infections, vascular, 694  
*Mycoplasma* infections, urethritis, treatment, S66  
*Mycoplasma pneumoniae* infections  
  pneumonia, 237  
    Stevens-Johnson syndrome in, 1199, 1305  
  Mycotic aortic aneurysm, microbiology, 928  
  Mycelography, *Abiotrophia defectiva* meningitis after, 155  
  Myocardial infarction, due to *Chlamydia pneumoniae*, 162  
  Myocarditis  
    due to Kawasaki disease, 169  
    due to *Listeria monocytogenes*, 152  
    due to parvovirus B19 [letter], 1343  
  Myositis, due to *Streptococcus pyogenes*, white blood cell scan in, 153  
  
  Necrotizing fasciitis, due to *Streptococcus pyogenes*, white blood cell scan in, 153  
  *Neisseria gonorrhoeae*, host cell interactions with, 433  
*Neisseria gonorrhoeae* infections  
  obturator internus muscle abscess, 117  
  in pediatric patients, S74  
  proctitis, S84  
  in sexual assault victims, S74  
  treatment with ofloxacin, 1165  
*Neisseria meningitidis* infections  
  abdominal pain in, 1327  
  complement deficiency in, 98  
  lipopolysaccharide, CD14 interactions with, 491  
  septic shock, treatment with endotoxin monoclonal antibody, 770  
  Nelfinavir, for HIV infection  
    clinical trials, 643  
    in pediatric patients, 1109  
  Nematode infections, in HIV infection, 947  
  Neonatal infections  
    due to *Citrobacter*, 384  
    due to hepatitis C virus, 816  
      spontaneous recovery from, 141  
    due to hepatitis G (GB virus C), 816  
    due to herpes simplex virus, prevention, S4  
      maternal immunization for, 219  
  Nephrogenic diabetes insipidus, from amphotericin B, 680  
  Nephrotic syndrome, due to *Listeria monocytogenes*, 152  
  Neuroborreliosis, treatment with doxycycline, 569  
  Neurobrucellosis, cerebral venous thrombosis in, 399  
  Neurocysticercosis, diagnosis, 1331  
  Neurogenic bladder, infections in, periurethral bacterial flora and, 346  
  Neurologic disorders  
    due to artemisinin therapy, 1330  
    in bone marrow transplantation, human herpesvirus 6 DNA measurement in, 562  
    due to coxsackievirus, in HIV infection, 912  
    due to *Cryptococcus neoformans*, hydrocephalus in, treatment, 629  
    due to fish poisoning, 1191  
    in HIV infection, 414 [book review], 1152  
      treatment with cytarabine, 624  
    due to Jamestown Canyon virus, 1294  
    due to *Pfiesteria*, 1191  
    due to shellfish poisoning, 1191  
  Outbreaks  
    hantavirus infections, in Belgium, 834  
    pertussis, S107, S112  
    pseudobacteremia, due to *Enterococcus faecium*, 1333  
  Neutropenia  
    bacteremia in, due to *Capnocytophaga*, 1172  
    in bone marrow transplantation, infections in, risk factors for, 256  
    in cancer, candidemia in, 1071  
    in concurrent HIV and cytomegalovirus infections, 920  
    febrile, treatment [letter and reply], 406  
    fluoroquinolone toxicity in, 352  
    fungal infections in, prophylaxis for, 250  
    prophylaxis for, with fluconazole, 331  
    treatment with amphotericin B, colloidal dispersion [letter and reply], 935  
  Nevirapine, for HIV infection, interactions with antimycobacterial drugs, 419  
*Nocardia pseudobrasiliensis* infections, in HIV infection, 144  
  Nonsteroidal anti-inflammatory drugs, for periodontal disease, 520  
  Norfloxacin, for chancroid, S14  
  Nosocomial infections (*see also* Catheter-related infections)  
    due to *Abiotrophia defectiva*, 155  
    due to *Acinetobacter baumannii*, 59  
      treatment with colistin, 1008  
    in extracorporeal membrane oxygenation, 828  
    due to *Klebsiella pneumoniae*, 1338  
    due to *Ochrobactrum anthropi*, in HIV infection, 692  
    due to *Pseudomonas aeruginosa*, treatment with colistin, 1008  
    due to *Staphylococcus lugdunensis*, 681  
  Nutrition, in elderly persons, immune function and, 717  
  
  Obturator internus muscle abscess, in pediatric patients, 117  
  Occupational infections  
    due to hantavirus, 834  
    due to HIV, 365  
  *Ochrobactrum anthropi* bacteremia, in HIV infection, 692  
  Oculoglandular syndrome, Parinaud's, due to *Bartonella henselae*, 1156  
  Ofloxacin  
    for chancroid, S14  
    for *Mycobacterium chelonae* infections, 145  
    for *Neisseria gonorrhoeae* infections, 1165  
    for pelvic inflammatory disease, S29  
  Opa proteins, in *Neisseria gonorrhoeae* pathogenicity, 433  
  Oral cavity  
    candidiasis, in HIV infection  
      refractory [letter and reply], 407, 408  
    human papillomavirus infections, treatment, S37  
  Oral rehydration therapy, for travelers' diarrhea, 128<sup>o</sup>  
  Osteoblasts, monocyte chemoattractant protein expression in, 482  
  Osteomyelitis  
    due to *Aspergillus*, vertebral, 1206  
    due to *Bartonella henselae*, 274, 1312  
    due to *Corynebacterium*, in skull, 1323  
    detection with leukoscintigraphy, in diabetes mellitus, 1200  
    ischial, 117  
    due to *Streptococcus pneumoniae*, vertebral, 873  
    treatment with ciprofloxacin, safety, 299  
  Otitis media, due to *Haemophilus influenzae*, outer membrane protein profiles, 267  
  Outbreaks  
    hantavirus infections, in Belgium, 834  
    pertussis, S107, S112  
    pseudobacteremia, due to *Enterococcus faecium*, 1333

Outer membrane protein profiles, *Haemophilus influenzae*, in otitis media, 267

Pacemaker infections, due to *Staphylococcus lugdunensis*, 403

*Paecilomyces lilacinus* infections, after heart transplantation, treatment with terbinafine, 1169

Pain, abdominal, in *Neisseria meningitidis* infections, 1327

Pancreatitis, from ritonavir, 161

Paracoccidioidomycosis, in HIV infection, 947

Parainfluenza virus infections, pneumonia, in immunodeficiency, 1043

Paralytic shellfish poisoning, state-of-the-art, 1191

Parinaud's oculoglandular syndrome, due to *Bartonella henselae*, 1156

Paramomycin, for proctitis
 

- due to *Entamoeba*, S84
- due to *Giardia lamblia*, S84

Parvovirus B19 infections, cardiorespiratory [letter], 1343

Pathogenicity islands, *Escherichia coli*, 451

Pediatric patients (see also Neonatal infections)
 

- cat-scratch disease in, 778
- Citrobacter* infections in, 384
- cytomegalovirus pneumonia in, 1328
- diarrhea in, due to emerging pathogens, 314
- enteric fever in, heart rate studies in, 582
- fluoroquinolone effects on, 352
- Helicobacter pylori* infections in, natural history, 279
- hepatitis G RNA in, 537
- human immunodeficiency virus infection in, S74
  - coxsackievirus infection with, 912
  - cryptococcosis in, 309
    - treatment with nelfinavir, 1109
  - infections in, World Wide Web bibliography for, 395
- Kawasaki disease in, 169
- mycobacterial lymphadenitis in, nontuberculous, 123
- obturator internus muscle abscess in, 117
- pertussis in, missed diagnosis, 840
- Salmonella* bacteremia in, nontyphoid, in pediatric patients, 822
- septic shock in, due to meningococci, treatment with endotoxin monoclonal antibody, 770
- sexually transmitted diseases in, treatment, S74
- tuberculosis in
  - cytokine production in, 1290
  - isolation in, Feb. Hot Page
  - urinary tract infections in, periurethral bacterial flora and, 346

Peliosis, bacillary, in HIV infection, hemoperitoneum in, 911

Pelvic inflammatory disease, treatment, S29

Penicillin(s)
 

- resistance to, *Streptococcus pneumoniae*, 730, 1160, 1213
- for syphilis, S21

*Penicillium marneffei* infections, in HIV infection, 947

Pentamidine, for *Trypanosoma brucei gambiense* infections, 679

Pentoxifylline, for tuberculosis, in HIV infection, 130

Perimyocarditis, due to *Listeria monocytogenes*, 152

Periodontal disease, microbial-host cell interactions in
 

- CD14 pathways in, 491, 497
- chemokines in, 482
- cytokines in, 482
- endotoxin-lipopopolysaccharide-responsive cells, 476
- Escherichia coli* as paradigm for, 451, 497
- host modulation, 520
- myeloid cells, 497
- Neisseria*, 433
- overview, 431
- Porphyromonas gingivalis*, 456, 497
- prostaglandins, 505

*Shigella flexneri*, 466

*Treponema denticola*, 442

Peritoneal dialysis, peritonitis in
 

- due to herpes simplex virus, 1219
- due to *Rothia dentocariosa*, 696

Peritonitis
 

- due to *Escherichia coli*, fatal result in, 683
- due to herpes simplex virus, 1219
- due to *Rothia dentocariosa*, in dialysis, 696

Pertactin, as virulence factor, in pertussis, S94

Pertussis
 

- in adults, June Supplement
- antitoxin for, S136
- bacterial culture in, S99, S112
- catarrhal stage, S107
- clinical features, S107
  - in adults, S112, S147
  - clinical vignettes, S112
  - complications, S107, S112
  - convalescent stage, S107
  - cough in, S91, S107, S112
  - diagnosis
    - failure, 840
    - laboratory tests for, 552, 560, S112
    - microbiological, S99
    - missed, S107
    - serological, S99
  - diphtheria similarity to, S136
  - epidemiology, S91
    - in adults, S112, S131, S147
    - age distribution, S124
    - in Canada, 1238
    - in Japan, S124
    - in prevaccine era, S107
    - serotyping in, S99
    - in U.S., S112, 1230
  - eradication, S91
  - historical review, S107
  - immunization (see also Diphtheria-tetanus-pertussis immunization)
    - acceptance, S147
    - acellular, S118, S124, S131
    - in adults, S118, S131, S147
    - boosters for, S112, S118, S124, S147
    - cellular, S118
    - costs, S147
    - efficacy, S136
    - failure, 552, 560
    - importance of, S91
    - indications for, in adults, S131
    - of infant caregivers, S131
    - in pregnancy, S118, S131, 219
    - reactions to, S118, S124, S147
    - vaccine development and, S118
    - virulence factor components, S94
  - laboratory tests for, in adults, S112
  - missed diagnosis, 840
  - morbidity and mortality, S107
    - in adults, S131
    - in Canada, 1238
  - outbreaks, S107, S112
  - pathogenesis, S94, S136
  - in preantibiotic and prevaccine era, S107
  - reservoir for, S91
  - serotyping in, S99

spasmodic stage, S107  
 toxins, S94  
 transmission among adults, S147  
 virulence factors in, S94

*Pfiesteria* infections, state-of-the-art, 1191

Phagocytes, *Neisseria gonorrhoeae* interactions with, 433

Pharyngitis, due to *Streptococcus pyogenes*, prevention, 205

Philippine Control of Acute Respiratory Infections program, 195

Piercing, body, infections in [letter and reply], 1340

Pili  
*Escherichia coli*, enteropathogenic, 451  
*Neisseria gonorrhoeae*, in host cell interactions, 433

*Plasmodium falciparum* malaria  
 circumsporozoite antigen detection in, 641  
 in pregnancy, treatment with mefloquine, 808  
 prophylaxis for, with azithromycin, 74  
 susceptibility to, red blood cell polymorphisms and, 794  
 treatment  
     with artemisinin, 1330  
     failure, polymerase chain reaction studies after, 847

*Plasmodium vivax* malaria  
 abdominal lymphadenopathy in, 400  
 adult respiratory distress syndrome in, 1182  
 prophylaxis for, with azithromycin, 74  
 pulmonary edema in, 1166

Platelet-activating factor, in meningitis, 1

Pleural empyema, due to *Candida glabrata*, 922

*Pneumocystis carinii* pneumonia  
 in HIV infection, 341  
 prophylaxis for, in solid organ transplantation, 240, 247  
 vs. Wegener's granulomatosis, 1163

Pneumonia  
 due to adenoviruses, in immunodeficiency, 1043  
 due to *Bordetella pertussis*, S107, 1238  
 due to *Burkholderia pseudomallei*, after travel, 921  
 due to cytomegalovirus  
     in blood and bone marrow transplantation, 618  
     in immunodeficiency, 1043  
     in pediatric patients, 1328  
 in elderly persons, 725  
 due to enteroviruses, in immunodeficiency, 1043  
 due to Epstein-Barr virus, treatment with interferon- $\gamma$ , 1036  
 due to herpes simplex virus, in immunodeficiency, 1043  
 in HIV infection [letter and reply], 410, 411  
 due to influenza virus, in immunodeficiency, 1043  
 due to *Legionella pneumophila*  
     on cruise ship, 33, 39  
     treatment with extracorporeal membrane oxygenation, 686  
 due to *Mycoplasma pneumoniae*, 237  
 nosocomial, treatment with colistin, 1008  
 due to parainfluenza virus, in immunodeficiency, 1043  
 due to *Pneumocystis carinii*  
     in HIV infection, 341  
     in solid organ transplantation, 240, 247  
     vs. Wegener's granulomatosis, 1163  
 due to rhinoviruses, in immunodeficiency, 1043  
 due to *Streptococcus pneumoniae*  
     diagnosis, 764  
     resistance in, 1160  
 trimethoprim-sulfamethoxazole resistant, 214

Podofilox, for genital warts, S37

Podophyllin, for genital warts, S37

POEMS syndrome, human herpesvirus 8 antibodies in, 678

Poisoning, from toxic algae, 1191

Poliomyelitis  
 in HIV infection, 947  
 immunization, with multiple components, 995

Polymerase chain reaction  
 for *Bordetella pertussis*, S99  
 for *Calymmatobacterium granulomatis*, 1168  
 for *Chlamydia pneumoniae*, 988, 993  
 for *Chlamydia trachomatis*, 1002  
 for *Coxiella burnetii*, 1249  
 for Epstein-Barr virus, 906  
 for genital ulcers, 1086  
 for influenza B virus, 898  
 for Jamestown Canyon virus, 1294  
 for pertussis, S99  
 for *Plasmodium falciparum*, 847  
 for *Taenia solium*, 1331

Polymicrobial infections, in elderly persons, 750

Polymyositis, due to *Streptococcus pyogenes*, white blood cell scan in, 153

Polymyxin B, for ventriculitis, due to *Klebsiella pneumoniae*, 1134

Polyradiculitis, due to *Listeria monocytogenes*, 152

Population growth, in developing countries, 966

Porin, in *Neisseria gonorrhoeae*-host cell interactions, 433

*Porphyromonas gingivalis*  
 gingipains R, pathogenicity, 456  
 lipopolysaccharide, CD14 interactions with, 497

Portal vein thrombosis, in *Fusobacterium nucleatum* infections, 1325

Pregnancy  
 bacterial vaginosis in, treatment, S57  
 dengue fever in, outcome of, 637  
 fluoroquinolone toxicity in, 352  
 hepatitis C transmission in, 816  
 hepatitis G transmission in, 816  
 herpes simplex virus infections in, genital, S4  
 malaria in, 947  
 mefloquine use in, 808  
 pertussis immunization in, S118, S131  
 respiratory pathogen immunization in, 219  
 rubella immunization and, S140  
*Trypanosoma cruzi* antibodies in, 1281  
 tuberculosis in, multidrug-resistant, treatment, 1298

*Prevotella oralis* endocarditis, with complications, 685

Probenecid, for syphilis, S21

Procaine penicillin G, for syphilis, S21

Procyclitron, measurement, in bacterial meningitis, 1315

Proctitis, sexually transmitted, S84

Progressive multifocal leukoencephalopathy, in HIV infection, 1152  
 treatment with cytarabine, 624

Properdin deficiency, in *Neisseria meningitidis* infections, 98

Prophylaxis  
 in bone marrow transplantation, 256  
 for candidiasis, in HIV infection, 1025  
 for endocarditis, Apr. Hot Page  
     in prostatic biopsy, Feb. Hot Page  
 for fungal infections, in neutropenia, 250  
 for malaria, 74  
 in neutropenia, fluconazole, 331  
 for opportunistic infections, in HIV infection, 14, 23  
 for *Pneumocystis carinii* infections, in solid organ transplantation, 240, 247

Prostaglandins  
 inhibitors, in periodontal disease, 520  
 in meningitis, 1  
 release from macrophages, lipopolysaccharide-induced, 505

Prostatic biopsy, endocarditis prophylaxis in, Feb. Hot Page

Prosthetic joint infections, due to *Clostridium perfringens*, 157

*Proteus mirabilis* infections, susceptibility, multiple antibiotic use and, 1017

Pseudobacteremia, due to *Enterococcus faecium*, 1333

*Pseudomonas aeruginosa* infections

- bacteremia
- molecular epidemiology, 605
- recurrent, 611
- lipopolysaccharide, CD14 interactions with, 491
- pneumonia, in elderly persons, 726
- resistance in, 1008
  - epidemiology, 1128
  - treatment with colistin, 1008
- susceptibility, multiple antibiotic use and, 1017

*Pseudomonas pseudomallei* infections, in HIV infection, 947

*Pseudo-nitschia pungens* toxin, in shellfish, 1191

Public health approach, to acute respiratory infection control, 192, 195
 

- in Philippines, 195

Pulmonary edema, noncardiogenic, in malaria, 1166

Pulse rate, in enteric fever, in pediatric patients, 582

Puumala virus infections

- epidemiology, in Slovenia, 860
- nephropathia epidemica, risk factors for, 834

Pyelonephritis, due to *Aeromonas hydrophila*, 1336

Pyoderma, due to *Streptococcus pyogenes* (streptococci group A), prevention, 205

Pyrazinamide, for tuberculosis, in HIV infection, 130

**Q fever**

- endocarditis in, 1249
- glomerulonephritis in, 1057
- in HIV infection, 866
- surgical wound infections in, 1249

Quinine, for malaria, vs. artemether, 597

Quinolones, for tuberculosis, in HIV infection, 130

Rabies

- in HIV infection, 947
- immunization
  - booster, 1100
  - in HIV infection, 913
- postexposure treatment failure, 143

Radiculitis, due to *Listeria monocytogenes*, 152

Radiosurgery, gamma knife, in cerebral echinococcosis [letter and reply], 409

**RANTES**

- in meningitis, 1
- in periodontal disease progression, 482

Rape, sexually transmitted diseases in, treatment, S74

Rectum, sexually transmitted infections, treatment, S84

Red blood cells, polymorphism, malaria resistance and, 794

Reemerging infections, in tropical countries, 966

Regulated on activation, normal T cell expressed and secreted (*see* RANTES)

Reinfection, in respiratory infections, 200

Relative bradycardia, in enteric fever, in pediatric patients, 582

Resistance, antibiotic (*see* Drug resistance)

Respiratory failure

- in *Legionella pneumophila* pneumonia, treatment with extracorporeal membrane oxygenation, 686
- in malaria, 1166, 1182

Respiratory infections (*see also* Pneumonia; Tuberculosis)

- due to *Actinomyces*, 757, 891

acute

- care-seeking behavior in, 234
- control
  - influenza DNA immunization in, 225
  - international agency role in, 230
  - in Philippines, 195
  - public health approach, 192, 195
  - transmission interruption in, 200
- in developing countries, 189
- drug resistance in, 211
- evidence-based approach to, 192
- prevention, in infants, with maternal immunization, 219
- significance, 189
- due to streptococci group A, 205
- treatment
  - Chinese herbal medicine for, 235
  - in Pakistan, 214

due to *Bordetella bronchiseptica*, in HIV infection, 1095

due to *Bordetella parapertussis*, immunization for, 602

due to *Bordetella pertussis* (*see* Pertussis)

due to *Chlamydia pneumoniae*, Löfgren's syndrome in, 691

due to *Coccidioides immitis*, 1273

due to *Coxiella burnetii*, 866

in elderly persons, 725

in extracorporeal membrane oxygenation, 828

in immunodeficiency, virology, 1043

due to *Klebsiella pneumoniae*, 1338

due to parvovirus B19 [letter], 1343

due to *Rhodococcus equi*, in HIV infection, 1334

due to streptococci, group G, 1322

Respiratory syncytial virus infections

- immunization in pregnancy, 219
- pneumonia, in immunodeficiency, 1043

Retinitis, due to cytomegalovirus, in HIV infection, treatment, 528, 534

Rhabdomyolysis, in HIV infection, 1180

Rheumatic fever, due to *Streptococcus pyogenes* (streptococci group A), prevention, 205

Rhinocerebral zygomycosis, treatment, 160

Rhinovirus infections, pneumonia, in immunodeficiency, 1043

*Rhodobacter sphaeroides*, lipopolysaccharide, CD14 interactions with, 491

*Rhodococcus equi* malacoplakia, in HIV infection, 1334

*Rickettsia rickettsii* infections, epidemiology, in family cluster, 853

Rickettsial infections, in HIV infection, 947

Rifabutin

- interactions with antiretroviral agents, 419
- for *Mycobacterium avium* complex infections
  - clarithromycin-resistant, 136
  - in HIV infection, 1080
- for tuberculosis, in HIV infection, 130

Rifampin

- for cat-scratch disease, 778
- interactions with antiretroviral agents, 419
- for tuberculosis, in HIV infection, 130

Rifamycin, interactions with antiretroviral agents, 419

Ritonavir, for HIV infection, 14, 23

- clinical trials, 643
- failure, 1180
- with indinavir, 1184
- interactions with antimycobacterial drugs, 419
- pancreatitis from, 161

Rocky Mountain spotted fever, epidemiology, in family cluster, 853

*Rothia dentocariosa* peritonitis, in dialysis, 696

Rubella

immunization, S140  
transmission, interruption, 200

*Saccharomyces boulardii*, therapeutic use, fungemia from, 930  
*St. Louis encephalitis*, in HIV infection, 947  
*Salmonella abortus* subspecies *equi*, lipopolysaccharide, CD14 interactions with, 491  
*Salmonella* infections  
  nontyphoid, bacteremia, in pediatric patients, 822  
  proctitis, S84  
*Salmonella minnesota*, lipopolysaccharide, CD14 interactions with, 491  
*Salmonella typhi* infections, Guillain-Barré syndrome in, 1171  
*Salmonella typhimurium* infections, meningitis, treatment with ceftriaxone, 1174  
*Salmonellosis*, in HIV infection, 947  
*Saquinavir*, for HIV infection, 14, 23, 403  
  clinical trials, 643  
*Sarcoidosis*, Löfgren's syndrome in, 691  
*Saxitoxin* poisoning, state-of-the-art, 1191  
*Scabies*, in HIV infection, 947  
*Schick test*, for diphtheria immunity, S136  
*Schistosoma haemobium* infections, diagnosis, 987, 1155  
*Schistosomiasis*  
  in HIV infection, 947  
  urinary tract, 987, 1155  
*Selenium* supplementation, in elderly persons, 717  
*Semen*, human immunodeficiency virus in, after antiretroviral therapy, 1252  
*Sepsis*  
  due to *Citrobacter*, in pediatric patients, 384  
  due to *Fusobacterium nucleatum*, portal vein thrombosis in, 1325  
  due to gram-negative organisms, treatment with high-density lipoproteins, 1148  
  due to *Streptococcus pneumoniae*, after vaccination, in alcoholism, 1162  
  due to *Streptococcus pyogenes*, pulmonary hemorrhage in, 1319  
*Septic arthritis* (see Arthritis, septic)  
*Septic shock*  
  due to meningococci, treatment with endotoxin monoclonal antibody, 770  
  due to *Neisseria meningitidis*, complement deficiency in, 98  
  due to *Staphylococcus lugdunensis*, 681  
*Septicemia*, due to *Neisseria meningitidis*, complement deficiency in, 98  
*Serratia marcescens* infections  
  cellulitis, from iguana bite, 1181  
  susceptibility, multiple antibiotic use and, 1017  
*Sexual assault*, sexually transmitted diseases in, treatment, S74  
*Sexually transmitted diseases* (see also specific diseases)  
  treatment  
    in abuse, S74  
    bacterial vaginosis, S57  
    chancroid, S14  
    genital herpes, S4  
    genital warts, S37  
    guidelines for 1998, S1  
    nongonococcal urethritis, S66  
    pelvic inflammatory disease, S29  
    proctitis, S84  
    in rape victims, S74  
    syphilis, S21  
*Shellfish* poisoning, state-of-the-art, 1191  
*Shigella boydii* infections, malacoplakia, in HIV infection, 142  
*Shigella flexneri*, virulence factors, 466  
*Shigella* infections, proctitis, S84  
*Shingles*  
  in elderly persons, 736  
  in HIV infection, 947  
*Shock, septic* (see Septic shock)  
*Shunt(s)*, in hydrocephalus, due to *Cryptococcus neoformans* meningitis, treatment, 629  
*Shunt infections*, ventriculoperitoneal, due to nontypeable *Haemophilus influenzae*, 147  
*Sickle cell trait*, malaria resistance and, 794  
*Signaling*, in host cell interactions  
  with *Escherichia coli*, 451  
  with *Neisseria gonorrhoeae*, 433  
*Simian immunodeficiency virus* infection, *Mycobacterium avium* infections with, tumor necrosis factor- $\alpha$  production i, 514  
*Single-strand conformational polymorphism analysis*, for *Plasmodium falciparum*, 847  
*Sinusitis*, due to *Curvularia clavata*, 687  
*Skin lesions*  
  due to bacille Calmette-Guérin vaccination, 785, 791  
  due to fluoroquinolone therapy, 352  
  due to Kawasaki disease, 169  
  molluscum contagiosum, spread during electrolysis, 1171  
  due to *Mycobacterium chelonae*, treatment, 145  
  due to *Mycobacterium fortuitum*, 924  
  due to *Mycobacterium haemophilum*, recrudescence after tetanus immunization, 919  
  due to *Mycoplasma pneumoniae*, 1199, 1305  
  due to *Paecilomyces lilacinus*, treatment with terbinafine, 1169  
  due to *Pfiesteria*, 1191  
  due to *Sporothrix schenckii*, in HIV infection, 1337  
  due to streptococci, group G, 1322  
  due to *Streptococcus pneumoniae*, 918  
  due to *Streptococcus pyogenes*, prevention, 205  
  due to *Trypanosoma brucei gambiense*, 679  
  due to varicella-zoster virus, in elderly persons, 736  
*Sleeping sickness*, in HIV infection, 947  
*Soft-tissue infections*  
  due to *Bartonella henselae*, 1312  
  treatment with ciprofloxacin, safety, 299  
*Sparfloxacin*  
  for chancroid, S14  
  toxicity, 352  
*Spine*  
  infections, due to *Streptococcus pneumoniae*, 873  
  osteomyelitis  
    due to *Aspergillus*, 1206  
    due to *Bartonella henselae*, 274, 1312  
*Spleen*, cat-scratch disease affecting, in pediatric patients, 778  
*Spoligotyping*, in tuberculosis molecular epidemiology [letter], 939  
*Sporotrichosis*, in HIV infection, 947, 1337  
*Staphylococcus aureus* infections  
  endocarditis, prospective studies, 106, 115  
  obturator internus muscle abscess, 117  
  resistance in, methicillin  
    hospital formulary changes and, 1062, 1067  
    vancomycin use and, 1119, 1126  
*Staphylococcus lugdunensis* infections  
  endocarditis, 403  
  septic shock in, 681  
*Stavudine*, for HIV infection, 14, 23  
*Stem cell transplantation*  
  adenovirus infection in, treatment with cidofovir, 690  
  cytomegalovirus pneumonia in, 618  
*Stevens-Johnson syndrome*, due to *Mycoplasma pneumoniae*, 1199, 1305

Strawberry tongue, in Kawasaki disease, 169

Streptococcal infections  
group A (*see Streptococcus pyogenes* infections)  
group B  
  immunization, in pregnancy, 219  
  meningitis, mortality in, 151  
group G, zoonotic, 1322

meningitis, in adults, 1104

toxic shock syndrome, treatment with intravenous immunoglobulin, 800

*viridans*, meningitis, 1104

*Streptococcus agalactiae* infections, meningitis, 1104

*Streptococcus bovis* infections  
  endocarditis, glomerulonephritis in, 1057

meningitis, 1104

*Streptococcus mitis* infections, meningitis, 1104

*Streptococcus pneumoniae* infections  
  cellulitis, 918  
  immunization, 730  
    in elderly persons, 726  
    failure, in alcoholism, 1162  
    in pregnancy, 219  
  meningitis, epidemiology, 1265  
  pneumonia  
    diagnosis, 764  
    resistance in, 1160  
  resistance in, 1160  
    in Asia, 1213  
    in elderly persons, 730  
    trimethoprim-sulfamethoxazole, 214

sepsis, after vaccination, in alcoholism, 1162

*Streptococcus pyogenes* (streptococci group A) infections  
epidemiology, 205

meningitis, 1104

necrotizing fascitis, white blood cell scan in, 153

obturator internus muscle abscess, 117

prevention, 205

pulmonary hemorrhage in, 1319

Streptomycin, for tuberculosis, in HIV infection, 130

Strongyloidiasis, in HIV infection, 154, 947

Sulesomab, in leukosintigraphy, for osteomyelitis detection in diabetes mellitus, 1200

Surgical infections  
  due to *Corynebacterium*, 1323  
  due to *Coxiella burnetii*, 1249  
  due to *Fusarium dimerum*, late appearance, 150

Surveillance, for emerging infections, 401

Susceptibility testing (*see also* Drug resistance)  
  in gram-negative bacteremia, 605  
  quinolones, *Neisseria gonorrhoeae*, 1165

Syphilis  
  in HIV infection, 1086  
  in pediatric patients, S74  
  proctitis in, S84  
  in sexual assault victims, S74  
  treatment, S21

T lymphocytes  
  CD4, apoptosis, in idiopathic CD4 T lymphocytopenia, 1012  
  dysfunction  
    in elderly persons, 710, 714  
    in Epstein-Barr virus infection, 1036

*Taenia crassiceps* infections, in HIV infection, 947

*Taenia solium* infections, diagnosis, 1331

Tapeworms, in HIV infection, 947

Technetium-99m, in white blood cell scan, in *Streptococcus pyogenes* infections, 153

Terbinafine, for *Paecilomyces lilacinus* infections, after heart transplantation, 1169

Testosterone, for wasting in HIV infection, 634

Tetanus  
  epidemiology, in Japan, S124  
  immunization (*see also* Diphtheria-tetanus-pertussis immunization)  
    with multiple components, 995  
    *Mycobacterium haemophilum* skin lesion recrudescence after, 919

Tetracycline(s)  
  for periodontal disease, 520  
  for urethritis, nongonococcal, S66

Thalassemia, malaria resistance and, 794

Thalidomide  
  for oral ulcers, in HIV infection, 892  
  for tuberculosis, in HIV infection, 130

Thrombocytopenia, autoimmune, in Lyme disease, 927

Thrombocytosis, due to Kawasaki disease, 169

Thrombolytic therapy, for Kawasaki disease, 169

Thrombosis  
  cerebral venous, due to *Brucella*, 399  
  portal vein, in *Fusobacterium nucleatum* infections, 1325

Thyroid gland, abscess, due to *Mycobacterium chelonae*, 1183

Tick-borne encephalitis, review, 882

Tinidazole, for proctitis, due to *Giardia lamblia*, S84

Tongue, strawberry, in Kawasaki disease, 169

Torovirus infections, gastroenteritis, 925

Toxic shock syndrome, streptococcal, treatment with intravenous immunoglobulin, 800

Toxin, pertussis, response to, in pertussis diagnosis, 552, 560

Toxins  
  algal, 1191  
  fish, 1191  
  pertussis, S94

Toxoplasmosis, in HIV infection, incidence and risk factors for, 575

Trachea, coccidioidomycosis, 1273

Tracheal colonization factor, as virulence factor, in pertussis, S94

Tracheal cytotoxin, as virulence factor, in pertussis, S94

Transforming growth factor- $\beta$ , in meningitis, 1

Transfusions, septic shock from, due to *Staphylococcus lugdunensis*, 681

Transmission, respiratory infections, interruption, 200

Transplantation  
  bone marrow  
    aspergillosis in, 322  
    cytomegalovirus pneumonia in, 618  
    human herpesvirus 6 DNA in cerebrospinal fluid, 562  
    infections in, risk factors for, 256  
  heart, *Paecilomyces lilacinus* infections in, treatment with terbinafine, 1169  
  kidney, leishmaniasis in, treatment with amphotericin B, 1310  
  solid organ, *Pneumocystis carinii* pneumonia prophylaxis in, 240, 247  
  stem cell  
    adenovirus infection in, treatment with cidofovir, 690  
    cytomegalovirus pneumonia in, 618

Travelers' diseases (*see also* Malaria)  
  due to African trypanosomiasis, 679, 947  
  due to *Burkholderia pseudomallei*, 921  
  diarrhea, treatment, 1286  
  hepatitis A, after immunization failure, 1324  
  in HIV infection, state-of-the-art, 947  
  legionnaire's disease, 33, 39  
  tick-borne encephalitis, 882

tuberculosis, 52, 57

Trematode infections, in HIV infection, 947

*Treponema denticola*, cystalysin from, 442

*Treponema pallidum* infections (see Syphilis)

Trichloroacetic acid, for genital warts, S37

Trichomoniasis

- in males, treatment, S66
- in pediatric patients, S74
- in sexual assault victims, S74

Trifluridine, for herpes simplex virus infections, genital, S4

Trimethoprim-sulfamethoxazole

- for cat-scratch disease, 778
- for chancroid, S14
- for melioidosis [letter], 410
- for *Pneumocystis carinii* pneumonia, prophylactic, in transplantation, 240, 247
- resistance to, respiratory pathogens, 214

Tropical diseases (see also Travelers' diseases; specific diseases)

- global crises in, 966

Trovafloxacin, toxicity, 352

*Trypanosoma brucei gambiense* infections, skin, 679

*Trypanosoma cruzi* infections, antibodies in, in pregnancy, 1281

Trypanosomiasis

- African
  - in HIV infection, 947
  - skin lesions in, 679
- American
  - antibodies in, in pregnancy, 1281
  - in HIV infection, 947

Tuberculosis

- control of, 230
- cytokine production in, in pediatric patients, 1290
- in HIV infection, 947
  - treatment, 130
    - drug interactions in, 419
  - immunization, reactogenicity, 785, 791
  - isolation in, in pediatric patients, Feb. Hot Page
  - meningitis in, cytokines and chemokines in, 1
  - molecular epidemiology, spoligotyping in [letter], 939
  - resistance in
    - in HIV infection, 130
    - multiple, in pregnancy, treatment, 1298
  - transmission, during train and bus travel, 52, 57
  - treatment with ciprofloxacin, safety, 299

Tumor necrosis factor- $\alpha$

- in meningitis, 1
- in *Mycobacterium avium* infections, with simian immunodeficiency virus infection, 514
- in periodontal disease progression, 482, 497

Typhoid fever, Guillain-Barré syndrome in, 1171

Ulcer(s)

- from bacille Calmette-Guérin vaccination, 785, 791
- foot, osteomyelitis detection in, with leukosintigraphy, 1200
- genital
  - due to *Calympatobacterium granulomatis*, diagnosis, 1168
  - due to Epstein-Barr virus, treatment with interferon- $\tau$ , 1036
  - due to foscarnet, 13, 139
  - in HIV infection, 1086
  - oral, in HIV infection, treatment with thalidomide, 892

*Ureaplasma urealyticum* infections

- urethritis, treatment, S66
- vascular, 694

Urethra

bacterial flora, urinary tract infections and, 346

human papillomavirus infections, treatment, S37

Urethritis

- due to *Neisseria gonorrhoeae*, treatment with Ofloxacin, 1165
- nongonococcal, treatment, S66

Urinary tract, fluoroquinolone effects on, 352

Urinary tract infections

- due to *Aeromonas hydrophila*, 1336
- in elderly women, susceptibility to, 723
- in extracorporeal membrane oxygenation, 828
- nosocomial, treatment with colistin, 1008
- periurethral bacterial flora and, 346
- due to *Schistosoma haemobium*, 987, 1155

Urine, pneumococci in, latex agglutination assay for, 764

Uveitis, due to cidofovir, 156

Vaccine Adverse Event Reporting System, forms for, Apr. Hot Page

Vaccines and vaccination (see Immunization)

Vagina, human papillomavirus infections, treatment, S37

Vaginosis, bacterial

- in pediatric patients, S74
- pelvic inflammatory disease and, S29
- in sexual assault victims, S74
- treatment, S57

Valacyclovir

- for herpes simplex virus infections, genital, S4
- for herpes zoster, 736

Vancomycin

- bullous dermatosis from, Feb. Hot Page
- determinants of use, in intensive care units, 1119, 1126
- resistance to, *Enterococcus faecium*, 689

Varicella-zoster virus infections

- in elderly persons, 736
- in HIV infection, 947
- in liver failure [letter], 412

Vascular infections, due to mycoplasma, 694

Vasculitis

- due to *Actinobacillus actinomycetemcomitans* [letter], 1342
- due to Kawasaki disease, 169

Ventricular shunts, in hydrocephalus, due to *Cryptococcus neoformans* meningitis, treatment, 629

Ventriculitis

- due to *Acinetobacter baumannii*, carbapenem-resistant, treatment, 916
- due to *Klebsiella pneumoniae*, treatment, 1134

Ventriculoperitoneal shunt infections, due to nontypeable *Haemophilus influenzae*, 147

Vertebral osteomyelitis

- due to *Aspergillus*, 1206
- due to *Bartonella henselae*, 274, 1312
- due to *Streptococcus pneumoniae*, 873

Vinculin, in *Shigella flexneri* pathogenicity, 466

Viral infections (see also specific infections)

- diarrhea, in HIV infection, 701
- meningitis, cytokines and chemokines in, 1

Viremia, cytomegalovirus, in HIV infection, treatment with foscarnet, 901

Viridans streptococcal infections, meningitis, 1104

Virulence factors

- Escherichia coli*, enteropathogenic, 451
- Neisseria gonorrhoeae*, 433
- Porphyromonas gingivalis*, 456
- Shigella flexneri*, 466
- Treponema denticola*, 442

Visceral leishmaniasis

in kidney transplantation, treatment with amphotericin B, 1310  
treatment, with liposomal amphotericin B, 42, 49

Vitamin supplementation, in elderly persons, immune system and, 717

Vitronectin, in *Neisseria gonorrhoeae*-host cell interactions, 433

Warts, genital  
in pediatric patients, S74  
in sexual assault victims, S74  
treatment, S37

Wasting, in HIV infection, treatment with androgens, 634

Waterborne infections  
due to *Aeromonas hydrophila*, 1336  
due to *Legionella pneumophila*, on cruise ship, 33, 39  
due to *Pfiesteria*, 1191  
prevention, in HIV infection, 947

Wegener's granulomatosis, vs. *Pneumocystis carinii* pneumonia, 1163

West African Trypanosomiasis, skin lesions in, 679

White blood cell scan, in *Streptococcus pyogenes* infections, 153

Whooping cough (*see* Pertussis)

World Health Organization, in respiratory infection control, 230

World Wide Web, pediatric infection bibliography on, 395

Yellow fever, in HIV infection, 947

Zalcitabine, for HIV infection, 14, 23

Zidovudine, for HIV infection, 14, 23  
interactions with antimycobacterial drugs, 419

Zinc supplementation, in elderly persons, 717

Zoonoses  
group G streptococcal infections, 1322  
Mayaro virus disease, 67

Zoster  
in elderly persons, 736  
in HIV infection, 947

Zygomycosis  
gastrointestinal, 1244  
rhinocerebral, treatment, 160